MPSRCH (TM)

Release 3.1A John F. Collins, Biocomputing Research Unit.

MPsrch_pp protein - protein database search, using Smith-Waterman algorithm

Run: Wed Aug 16 09:59:25 2000; MasPar time 4.27 Seconds
               362.555 Million cell updates/sec

Tabular output not generated.

Title: >US-09-427-873-2
Description: (1-101) from US09427873.pep
Perfect Score: 101
Sequence: 1 LGKFSQTCYNSAIQGSVLTS.........STKINLDDHIANIDGTLKYE 101

Scoring table: TABLE unitprotable
                Gap 60

Searched: 152433 seqs, 15329240 residues

Post-processing: Minimum Match 0%
                 Listing first 1000 summaries

Database: a-issued
                1:5A_COMB 2:5B_COMB 3:6_COMB 4:PCT_COMB 5:backfiles1

Statistics: Mean 2.326; Variance 0.628; scale 3.705

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description	Pred. No.
1	101	100.0	101	3	US-08-969-	Sequence 2, Applicatio	1.05e-142
2	101	100.0	101	2	US-08-970-	Sequence 2, Applicatio	1.05e-142
3	101	100.0	101	2	US-08-638-	Sequence 2, Applicatio	1.05e-142
4	101	100.0	101	2	US-08-969-	Sequence 2, Applicatio	1.05e-142
5	101	100.0	101	2	US-08-969-	Sequence 2, Applicatio	1.05e-142
6	101	100.0	101	3	US-08-429-	Sequence 4, Applicatio	1.05e-142
7	101	100.0	109	2	US-08-969-	Sequence 4, Applicatio	1.05e-142
8	101	100.0	109	2	US-08-970-	Sequence 4, Applicatio	1.05e-142
9	101	100.0	109	2	US-08-638-	Sequence 4, Applicatio	1.05e-142
10	101	100.0	109	2	US-08-969-	Sequence 4, Applicatio	1.05e-142
11	101	100.0	109	1	US-08-969-	Sequence 4, Applicatio	1.05e-142
13	8	7.9	299	2	US-08-353-	Sequence 68, Applicati	2.75e-01
14	6	5.9	102	2	US-08-804-	Sequence 2, Applicatio	5.04e+01
15	6	5.9	109	5	5498600-3	atent No. 5498600	5.04e+01
16	6	5.9	109	1	US-08-094-	Sequence 2, Applicatio	5.04e+01
17	6	5.9	109	3	US-08-691-	Sequence 4, Applicatio	5.04e+01
18	6	5.9	109	1	US-08-094-	Sequence 5, Applicatio	5.04e+01
19	6	5.9	109	1	US-08-094-	Sequence 3, Applicatio	5.04e+01
20	6	5.9	109	2	US-08-804-	Sequence 3, Applicatio	5.04e+01
21	6	5.9	109	1	US-08-094-	Sequence 18, Applicati	5.04e+01
22	6	5.9	109	4	PCT-US91-0	Sequence 4, Applicati	5.04e+01
23	6	5.9	109	4	PCT-US93-0	Sequence 1, Applicatio	5.04e+01
24	6	5.9	119	2	US-08-257-2	Sequence 1, Applicatio	5.04e+01
25	6	5.9	120	5	5428135	atent No. 5428135	5.04e+01
26	6	5.9	129	5	5428135	atent No. 5428135	5.04e+01
27	6	5.9	146	3	US-08-989-	Sequence 25, Applicati	5.04e+01
28	6	5.9	146	1	US-08-989-	Sequence 2, Applicatio	5.04e+01
29	6	5.9	160	1	US-08-094-	Sequence 1, Applicatio	5.04e+01
30	6	5.9	175	3	US-08-194-	Sequence 3, Applicatio	5.04e+01
31	6	5.9	190	3	US-08-867-	Sequence 25, Applicati	5.04e+01
32	6	5.9	205	3	US-08-989-	Sequence 37, Applicati	5.04e+01
33	6	5.9	205	3	US-08-989-	Sequence 27, Applicati	5.04e+01
34	6	5.9	220	1	5175255-4	atent No. 5175255	5.04e+01
35	6	5.9	225	3	US-08-651-	Sequence 2, Applicatio	5.04e+01
36	6	5.9	226	2	5498600-2	atent No. 5498600	5.04e+01
37	6	5.9	226	5	US-08-651-	Sequence 16, Applicati	5.04e+01
38	6	5.9	241	5	5219739-15	atent No. 5219739	5.04e+01
39	6	5.9	241	5	5194596-15	atent No. 5194596	5.04e+01
40	6	5.9	241	5	5175255-8	atent No. 5175255	5.04e+01
41	6	5.9	241	5	5175255-2	atent No. 5175255	5.04e+01
42	6	5.9	241	4	PCT-US96-0	Sequence 9, Applicatio	5.04e+01
43	6	5.9	241	2	US-08-387-	Sequence 4, Applicatio	5.04e+01
44	6	5.9	241	2	US-08-778-	Sequence 23, Applicati	5.04e+01
45	6	5.9	241	2	US-08-569-	Sequence 23, Applicati	5.04e+01
46	6	5.9	241	1	US-08-867-	Sequence 4, Applicatio	5.04e+01
47	6	5.9	241	1	US-08-469-	Sequence 13, Applicati	5.04e+01
48	6	5.9	241	3	US-09-042-	Sequence 6, Applicatio	5.04e+01
49	6	5.9	241	3	US-08-989-	Sequence 29, Applicati	5.04e+01
50	6	5.9	241	3	US-08-999-	Sequence 6, Applicatio	5.04e+01
51	6	5.9	241	3	US-08-824-	Sequence 8, Applicatio	5.04e+01
52	6	5.9	254	3	US-08-948-	Sequence 9, Applicatio	5.04e+01
53	6	5.9	254	2	US-09-193-	Sequence 9, Applicatio	5.04e+01
54	6	5.9	261	2	US-08-622-	Sequence 2, Applicatio	5.04e+01
55	6	5.9	261	1	US-08-622-	Sequence 2, Applicatio	5.04e+01
56	6	5.9	282	1	US-08-445-	Sequence 1, Applicatio	5.04e+01
57	6	5.9	293	3	US-08-651-	Sequence 20, Applicati	5.04e+01
58	6	5.9	297	3	US-08-651-	Sequence 4, Applicatio	5.04e+01
59	6	5.9	298	2	US-08-651-	Sequence 18, Applicati	5.04e+01
60	6	5.9	307	3	US-09-193-	Sequence 3, Applicatio	5.04e+01
61	6	5.9	307	2	US-08-948-	Sequence 3, Applicatio	5.04e+01
62	6	5.9	308	3	US-08-969-	Sequence 9, Applicatio	5.04e+01
63	6	5.9	334	2	US-08-359-	Sequence 4, Applicatio	5.04e+01
64	6	5.9	348	2	US-08-844-	Sequence 2, Applicatio	5.04e+01
65	6	5.9	355	1	US-07-946-	Sequence 1, Applicatio	5.04e+01
66	6	5.9	355	2	US-08-478-	Sequence 5, Applicatio	5.04e+01
67	6	5.9	355	1	US-08-483-	Sequence 5, Applicatio	5.04e+01
68	6	5.9	361	1	US-08-415-	Sequence 36, Applicati	5.04e+01
69	6	5.9	375	1	US-07-803-	Sequence 9, Applicatio	5.04e+01
70	6	5.9	375	2	US-07-803-	Sequence 7, Applicatio	5.04e+01
71	6	5.9	404	2	US-08-666-	Sequence 2, Applicatio	5.04e+01
72	6	5.9	434	1	US-08-682-	Sequence 2, Applicatio	5.04e+01
73	6	5.9	480	2	US-08-962-	Sequence 12, Applicati	5.04e+01
74	6	5.9	549	2	US-08-500-	Sequence 3, Applicatio	5.04e+01
75	6	5.9	678	4	PCT-US93-0	Sequence 7, Applicatio	5.04e+01
76	6	5.9	739	2	US-07-803-	Sequence 11, Applicati	5.04e+01
77	6	5.9	743	2	US-08-590-	Sequence 2, Applicatio	5.04e+01
78	6	5.9	743	3	US-09-012-	Sequence 3, Applicatio	5.04e+01
79	6	5.9	1266	2	US-08-468-	Sequence 4, Applicatio	5.04e+01
80	6	5.9	1781	2	US-08-477-	Sequence 11, Applicati	5.04e+01
81	5	5.0	12	1	US-08-726-	Sequence 140, Applicat	5.59e+02
82	5	5.0	12	2	US-08-229-	Sequence 2, Applicatio	5.59e+02
83	5	5.0	12	1	US-08-630-	Sequence 2, Applicatio	5.59e+02
84	5	5.0	14	2	US-08-372-	Sequence 7, Applicatio	5.59e+02
85	5	5.0	15	3	US-08-336-	Sequence 10, Applicati	5.59e+02
86	5	5.0	17	3	US-09-090-	Sequence 2, Applicatio	5.59e+02
87	5	5.0	17	1	US-08-066-	Sequence 7, Applicatio	5.59e+02
88	5	5.0	17	1	US-08-265-	Sequence 11, Applicati	5.59e+02
89	5	5.0	20	1	US-08-439-	Sequence 1, Applicatio	5.59e+02
90	5	5.0	20	1	US-08-318-	Sequence 3, Applicatio	5.59e+02
91	5	5.0	21	1	5470825-6	atent No. 5470825	5.59e+02
92	5	5.0	25	1	US-07-794-	Sequence 227, Applicat	5.59e+02
93	5	5.0	27	3	US-08-484-	Sequence 130, Applicat	5.59e+02
94	5	5.0	27	3	US-08-486-	Sequence 130, Applicat	5.59e+02
95	5	5.0	27	3	US-08-919-	Sequence 130, Applicat	5.59e+02
96	5	5.0	27	3	US-08-485-	Sequence 130, Applicat	5.59e+02

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#			US			Sequence	
97	5	5.0	US-08-475-	27	3	Sequence 130, Applicat	5.59e+02
98	5	5.0	US-08-486-	28	3	Sequence 133, Applicat	5.59e+02
99	5	5.0	US-08-484-	28	3	Sequence 131, Applicat	5.59e+02
100	5	5.0	US-08-485-	28	3	Sequence 133, Applicat	5.59e+02
101	5	5.0	US-08-485-	28	3	Sequence 131, Applicat	5.59e+02
102	5	5.0	US-08-919-	28	3	Sequence 133, Applicat	5.59e+02
103	5	5.0	US-08-475-	28	3	Sequence 133, Applicat	5.59e+02
104	5	5.0	US-08-484-	28	3	Sequence 131, Applicat	5.59e+02
105	5	5.0	US-08-486-	28	3	Sequence 131, Applicat	5.59e+02
106	5	5.0	US-08-919-	28	3	Sequence 133, Applicat	5.59e+02
107	5	5.0	US-08-475-	28	3	Sequence 131, Applicat	5.59e+02
108	5	5.0	US-08-919-	28	3	Sequence 27, Applicati	5.59e+02
109	5	5.0	US-08-360-	33	3	Sequence 28, Applicati	5.59e+02
110	5	5.0	US-08-919-	33	3	Sequence 26, Applicati	5.59e+02
111	5	5.0	US-08-360-	33	3	Sequence 25, Applicati	5.59e+02
112	5	5.0	US-08-919-	33	3	Sequence 29, Applicati	5.59e+02
113	5	5.0	US-08-919-	33	3	Sequence 28, Applicati	5.59e+02
114	5	5.0	US-08-360-	33	3	Sequence 29, Applicati	5.59e+02
115	5	5.0	US-08-475-	33	3	Sequence 31, Applicati	5.59e+02
116	5	5.0	US-08-486-	33	3	Sequence 25, Applicati	5.59e+02
117	5	5.0	US-08-485-	33	3	Sequence 32, Applicati	5.59e+02
118	5	5.0	US-08-485-	33	3	Sequence 25, Applicati	5.59e+02
119	5	5.0	US-08-475-	33	3	Sequence 29, Applicati	5.59e+02
120	5	5.0	US-08-360-	33	3	Sequence 31, Applicati	5.59e+02
121	5	5.0	US-08-919-	33	3	Sequence 27, Applicati	5.59e+02
122	5	5.0	US-08-360-	33	3	Sequence 24, Applicati	5.59e+02
123	5	5.0	US-08-485-	33	3	Sequence 32, Applicati	5.59e+02
124	5	5.0	US-08-485-	33	3	Sequence 28, Applicati	5.59e+02
125	5	5.0	US-08-486-	33	3	Sequence 26, Applicati	5.59e+02
126	5	5.0	US-08-485-	33	3	Sequence 30, Applicati	5.59e+02
127	5	5.0	US-08-919-	33	3	Sequence 24, Applicati	5.59e+02
128	5	5.0	US-08-486-	33	3	Sequence 26, Applicati	5.59e+02
129	5	5.0	US-08-486-	33	3	Sequence 27, Applicati	5.59e+02
130	5	5.0	US-08-485-	33	3	Sequence 31, Applicati	5.59e+02
131	5	5.0	US-08-475-	33	3	Sequence 31, Applicati	5.59e+02
132	5	5.0	US-08-919-	33	3	Sequence 24, Applicati	5.59e+02
133	5	5.0	US-08-486-	33	3	Sequence 25, Applicati	5.59e+02
134	5	5.0	US-08-485-	33	3	Sequence 26, Applicati	5.59e+02
135	5	5.0	US-08-485-	33	3	Sequence 28, Applicati	5.59e+02
136	5	5.0	US-08-360-	33	3	Sequence 30, Applicati	5.59e+02
137	5	5.0	US-08-919-	33	3	Sequence 24, Applicati	5.59e+02
138	5	5.0	US-08-919-	33	3	Sequence 27, Applicati	5.59e+02
139	5	5.0	US-08-485-	33	3	Sequence 25, Applicati	5.59e+02
140	5	5.0	US-08-485-	33	3	Sequence 30, Applicati	5.59e+02
141	5	5.0	US-08-486-	33	3	Sequence 24, Applicati	5.59e+02
142	5	5.0	US-08-486-	33	3	Sequence 26, Applicati	5.59e+02
143	5	5.0	US-08-475-	33	3	Sequence 25, Applicati	5.59e+02
144	5	5.0	US-08-360-	33	3	Sequence 30, Applicati	5.59e+02
145	5	5.0	US-08-919-	33	3	Sequence 31, Applicati	5.59e+02
146	5	5.0	US-08-919-	33	3	Sequence 32, Applicati	5.59e+02
147	5	5.0	US-08-919-	33	3	Sequence 30, Applicati	5.59e+02
148	5	5.0	US-08-360-	33	3	Sequence 32, Applicati	5.59e+02
149	5	5.0	US-08-919-	33	3	Sequence 24, Applicati	5.59e+02
150	5	5.0	US-08-485-	33	3	Sequence 29, Applicati	5.59e+02
151	5	5.0	US-08-486-	33	3	Sequence 32, Applicati	5.59e+02
152	5	5.0	US-08-485-	33	3	Sequence 30, Applicati	5.59e+02
153	5	5.0	US-08-919-	33	3	Sequence 30, Applicati	5.59e+02
154	5	5.0	US-08-486-	33	3	Sequence 32, Applicati	5.59e+02
155	5	5.0	US-08-484-	33	3	Sequence 24, Applicati	5.59e+02
156	5	5.0	US-08-484-	33	3	Sequence 26, Applicati	5.59e+02
157	5	5.0	US-08-484-	33	3	Sequence 25, Applicati	5.59e+02
158	5	5.0	US-08-360-	33	3	Sequence 30, Applicati	5.59e+02
159	5	5.0	US-08-919-	33	3	Sequence 31, Applicati	5.59e+02
160	5	5.0	US-08-484-	33	3	Sequence 32, Applicati	5.59e+02
161	5	5.0	US-08-486-	33	3	Sequence 30, Applicati	5.59e+02
162	5	5.0	US-08-484-	35	3	Sequence 135, Applicat	5.59e+02
163	5	5.0	US-08-360-	35	3	Sequence 224, Applicat	5.59e+02
164	5	5.0	US-08-484-	35	3	Sequence 230, Applicat	5.59e+02
165	5	5.0	US-08-919-	35	3	Sequence 233, Applicat	5.59e+02
166	5	5.0	US-08-919-	35	3	Sequence 218, Applicat	5.59e+02
167	5	5.0	US-08-919-	35	3	Sequence 238, Applicat	5.59e+02
168	5	5.0	US-08-919-	35	3	Sequence 231, Applicat	5.59e+02
169	5	5.0	US-08-919-	35	3	Sequence 236, Applicat	5.59e+02

#			num		US	Sequence	
170	5	5.0	35	3	US-08-919-	Sequence 217, Applicat	5.59e+02
171	5	5.0	35	3	US-08-919-	Sequence 235, Applicat	5.59e+02
172	5	5.0	35	3	US-08-919-	Sequence 219, Applicat	5.59e+02
173	5	5.0	35	3	US-08-919-	Sequence 220, Applicat	5.59e+02
174	5	5.0	35	3	US-08-485-	Sequence 135, Applicat	5.59e+02
175	5	5.0	35	3	US-08-919-	Sequence 223, Applicat	5.59e+02
176	5	5.0	35	3	US-08-919-	Sequence 234, Applicat	5.59e+02
177	5	5.0	35	3	US-08-919-	Sequence 135, Applicat	5.59e+02
178	5	5.0	35	3	US-08-919-	Sequence 222, Applicat	5.59e+02
179	5	5.0	35	3	US-08-919-	Sequence 225, Applicat	5.59e+02
180	5	5.0	35	3	US-08-919-	Sequence 221, Applicat	5.59e+02
181	5	5.0	35	3	US-08-475-	Sequence 135, Applicat	5.59e+02
182	5	5.0	35	3	US-08-919-	Sequence 232, Applicat	5.59e+02
183	5	5.0	35	3	US-08-919-	Sequence 237, Applicat	5.59e+02
184	5	5.0	35	3	US-08-484-	Sequence 135, Applicat	5.59e+02
185	5	5.0	38	1	US-07-956-	Sequence 77, Applicati	5.59e+02
186	5	5.0	38	1	US-08-485-	Sequence 77, Applicati	5.59e+02
187	5	5.0	38	2	US-08-476-	Sequence 77, Applicati	5.59e+02
188	5	5.0	38	2	US-08-475-	Sequence 77, Applicati	5.59e+02
189	5	5.0	47	2	US-08-780-	Sequence 8, Applicatio	5.59e+02
190	5	5.0	47	1	US-08-415-	Sequence 12, Applicati	5.59e+02
191	5	5.0	48	1	US-08-625-	Sequence 25, Applicati	5.59e+02
192	5	5.0	50	2	US-08-780-	Sequence 1, Applicatio	5.59e+02
193	5	5.0	51	3	US-08-360-	Sequence 19, Applicati	5.59e+02
194	5	5.0	54	3	US-08-475-	Sequence 108, Applicat	5.59e+02
195	5	5.0	54	3	US-08-484-	Sequence 98, Applicati	5.59e+02
196	5	5.0	54	3	US-08-485-	Sequence 98, Applicati	5.59e+02
197	5	5.0	54	3	US-08-919-	Sequence 98, Applicati	5.59e+02
198	5	5.0	54	3	US-08-486-	Sequence 88, Applicati	5.59e+02
199	5	5.0	55	4	US-08-360-	Sequence 98, Applicati	5.59e+02
200	5	5.0	56	4	PCT-US94-0	Sequence 3, Applicatio	5.59e+02
201	5	5.0	65	2	US-08-867-	Sequence 37, Applicati	5.59e+02
202	5	5.0	65	2	US-08-203-	Sequence 36, Applicati	5.59e+02
203	5	5.0	67	1	US-08-203-	Sequence 12, Applicati	5.59e+02
204	5	5.0	69	1	US-08-716-	Sequence 9, Applicatio	5.59e+02
205	5	5.0	69	2	US-08-667-	Sequence 4, Applicatio	5.59e+02
206	5	5.0	73	2	US-08-892-	Sequence 1, Applicatio	5.59e+02
207	5	5.0	76	2	US-09-047-	Sequence 3, Applicatio	5.59e+02
208	5	5.0	76	2	US-07-728-	Sequence 2, Applicatio	5.59e+02
209	5	5.0	94	2	US-08-465-	Sequence 35, Applicati	5.59e+02
210	5	5.0	95	2	US-08-467-	Sequence 25, Applicati	5.59e+02
211	5	5.0	95	2	US-08-660-	Sequence 24, Applicati	5.59e+02
212	5	5.0	96	2	US-08-480-	Sequence 24, Applicati	5.59e+02
213	5	5.0	96	1	US-08-989-	Sequence 15, Applicati	5.59e+02
214	5	5.0	96	1	US-08-356-	Sequence 16, Applicati	5.59e+02
215	5	5.0	101	2	US-08-479-	Sequence 6, Applicatio	5.59e+02
216	5	5.0	104	1	US-07-942-	Sequence 5, Applicatio	5.59e+02
217	5	5.0	104	1	US-08-470-	Sequence 5, Applicatio	5.59e+02
218	5	5.0	111	1	US-08-082-	Sequence 5, Applicatio	5.59e+02
219	5	5.0	113	1	US-08-107-	Sequence 37, Applicati	5.59e+02
220	5	5.0	113	1	US-08-477-	Sequence 22, Applicati	5.59e+02
221	5	5.0	113	2	US-08-767-	Sequence 22, Applicati	5.59e+02
222	5	5.0	117	1	US-08-253-	Sequence 47, Applicati	5.59e+02
223	5	5.0	120	1	US-08-385-	Sequence 32, Applicati	5.59e+02
224	5	5.0	121	1	US-08-180-	Sequence 46, Applicati	5.59e+02
225	5	5.0	121	4	PCT-US94-0	Sequence 36, Applicati	5.59e+02
226	5	5.0	127	3	US-08-812-	Sequence 64, Applicati	5.59e+02
227	5	5.0	135	2	US-09-053-	Sequence 40, Applicati	5.59e+02
228	5	5.0	135	3	US-08-470-	Sequence 46, Applicati	5.59e+02
229	5	5.0	135	3	US-08-284-	Sequence 2, Applicatio	5.59e+02
230	5	5.0	135	3	US-08-284-	Sequence 30, Applicati	5.59e+02
231	5	5.0	141	2	US-08-766-	Sequence 9, Applicatio	5.59e+02
232	5	5.0	142	1	US-08-619-	Sequence 28, Applicati	5.59e+02
233	5	5.0	143	1	US-08-470-	Sequence 9, Applicatio	5.59e+02
234	5	5.0	163	4	PCT-US94-0	Sequence 9, Applicatio	5.59e+02
242	5	5.0	177	3	US-09-368-		5.59e+02

#			Patent		No.	Sequence	
243	5	5.0	US-08-967-	2	177	Sequence 9, Applicatio	5.59e+02
244	5	5.0	US-09-368-	2	177	Sequence 5, Applicatio	5.59e+02
245	5	5.0	US-08-967-	3	177	Sequence 5, Applicatio	5.59e+02
246	5	5.0	US-07-949-	1	181	Sequence 4, Applicatio	5.59e+02
247	5	5.0	US-08-585-	1	184	Sequence 12, Applicatio	5.59e+02
248	5	5.0	US-07-676-	3	184	Sequence 12, Applicatio	5.59e+02
249	5	5.0	PCT-US91-0	4	184	Sequence 12, Applicati	5.59e+02
250	5	5.0	US-08-449-	2	184	Sequence 12, Applicati	5.59e+02
251	5	5.0	US-08-445-	1	185	Sequence 141, Applicat	5.59e+02
252	5	5.0	US-08-906-	3	185	Sequence 5, Applicatio	5.59e+02
253	5	5.0	US-08-486-	1	188	Sequence 5, Applicatio	5.59e+02
254	5	5.0	US-08-286-	1	188	Sequence 3, Applicatio	5.59e+02
255	5	5.0	US-08-476-	1	188	Sequence 5, Applicatio	5.59e+02
256	5	5.0	US-08-486-	3	188	Sequence 5, Applicatio	5.59e+02
257	5	5.0	US-08-475-	1	195	Sequence 48, Applicatio	5.59e+02
258	5	5.0	US-08-892-	2	197	Sequence 48, Applicatio	5.59e+02
259	5	5.0	US-08-266-	1	197	Sequence 48, Applicatio	5.59e+02
260	5	5.0	US-08-456-	1	201	Sequence 3, Applicatio	5.59e+02
261	5	5.0	US-08-236-	1	206	Sequence 49, Applicatio	5.59e+02
262	5	5.0	US-08-853-	1	213	Sequence 4, Applicatio	5.59e+02
263	5	5.0	US-08-807-	1	222	Sequence 6, Applicatio	5.59e+02
264	5	5.0	PCT-US94-0	4	222	Sequence 3, Applicatio	5.59e+02
265	5	5.0	US-07-714-	1	223	Sequence 3, Applicatio	5.59e+02
266	5	5.0	US-07-708-	1	223	Sequence 3, Applicatio	5.59e+02
267	5	5.0	US-07-708-	1	223	Sequence 2, Applicatio	5.59e+02
268	5	5.0	US-08-414-	1	224	Sequence 12, Applicatio	5.59e+02
269	5	5.0	US-08-287-	1	235	Sequence 1, Applicatio	5.59e+02
270	5	5.0	US-09-141-	1	238	Sequence 4, Applicatio	5.59e+02
271	5	5.0	US-08-483-	1	251	Sequence 4, Applicatio	5.59e+02
272	5	5.0	PCT-US95-1	4	255	Sequence 4, Applicatio	5.59e+02
273	5	5.0	US-08-459-	1	255	Sequence 7, Applicatio	5.59e+02
274	5	5.0	US-08-459-	1	257	Sequence 7, Applicatio	5.59e+02
275	5	5.0	US-09-253-	3	257	Sequence 14, Applicatio	5.59e+02
276	5	5.0	US-08-414-	1	257	Sequence 4, Applicatio	5.59e+02
277	5	5.0	US-08-926-	3	259	Sequence 23, Applicatio	5.59e+02
278	5	5.0	US-09-051-	3	259	Sequence 7, Applicatio	5.59e+02
279	5	5.0	US-08-385-	1	265	Sequence 2, Applicatio	5.59e+02
280	5	5.0	US-08-202-	2	269	Sequence 60, Applicatio	5.59e+02
281	5	5.0	PCT-US94-0	4	269	Sequence 20, Applicatio	5.59e+02
282	5	5.0	US-08-581-	3	272	Sequence 2, Applicatio	5.59e+02
283	5	5.0	US-08-852-	3	276	Sequence 7, Applicatio	5.59e+02
284	5	5.0	US-09-081-	1	283	Sequence 2, Applicatio	5.59e+02
285	5	5.0	US-08-658-	2	283	Sequence 2, Applicatio	5.59e+02
286	5	5.0	US-08-410-	1	285	Sequence 12, Applicatio	5.59e+02
287	5	5.0	US-08-246-	1	286	Sequence 1, Applicatio	5.59e+02
288	5	5.0	US-08-365-	1	287	Sequence 9, Applicatio	5.59e+02
289	5	5.0	US-09-143-	1	288	Sequence 4, Applicatio	5.59e+02
290	5	5.0	US-08-457-	1	290	Sequence 7, Applicatio	5.59e+02
291	5	5.0	US-08-860-	1	290	Sequence 5, Applicatio	5.59e+02
292	5	5.0	US-08-919-	1	293	Sequence 2, Applicatio	5.59e+02
293	5	5.0	US-08-773-	2	299	Sequence 2, Applicatio	5.59e+02
294	5	5.0	US-08-294-	2	303	Sequence 24, Applicatio	5.59e+02
295	5	5.0	US-08-294-	2	303	Sequence 58, Applicatio	5.59e+02
296	5	5.0	US-08-479-	2	303	Sequence 66, Applicatio	5.59e+02
297	5	5.0	US-08-294-	2	303	Sequence 60, Applicatio	5.59e+02
298	5	5.0	US-08-294-	2	303	Sequence 38, Applicatio	5.59e+02
299	5	5.0	US-08-479-	1	303	Sequence 3, Applicatio	5.59e+02
300	5	5.0	US-08-294-	2	303	Sequence 40, Applicatio	5.59e+02
301	5	5.0	US-08-294-	2	303	Sequence 22, Applicatio	5.59e+02
302	5	5.0	US-08-294-	2	303	Sequence 46, Applicatio	5.59e+02
303	5	5.0	US-08-294-	2	303	Sequence 12, Applicatio	5.59e+02
304	5	5.0	US-08-294-	2	303	Sequence 44, Applicatio	5.59e+02
305	5	5.0	US-08-294-	2	303	Sequence 50, Applicatio	5.59e+02
306	5	5.0	US-08-294-	2	303	Sequence 7, Applicatio	5.59e+02
307	5	5.0	US-08-294-	2	303	Sequence 68, Applicatio	5.59e+02
308	5	5.0	US-08-294-	2	303	Sequence 30, Applicatio	5.59e+02
309	5	5.0	US-08-294-	2	303	Sequence 14, Applicatio	5.59e+02
310	5	5.0	US-08-294-	2	303	Sequence 34, Applicatio	5.59e+02
311	5	5.0	US-08-294-	2	303	Sequence 22, Applicatio	5.59e+02
312	5	5.0	US-07-917-	1	303	Sequence 2, Applicatio	5.59e+02
313	5	5.0	US-08-294-	2	303	Sequence 2, Applicatio	5.59e+02
314	5	5.0	US-08-294-	2	303	Sequence 8, Applicatio	5.59e+02
315	5	5.0	US-08-294-	2	303	Sequence 56, Applicati	5.59e+02
316	5	5.0	US-08-294-	2	303	Sequence 54, Applicati	5.59e+02
317	5	5.0	US-08-294-	2	303	Sequence 64, Applicati	5.59e+02
318	5	5.0	US-08-294-	2	303	Sequence 16, Applicati	5.59e+02
319	5	5.0	US-08-294-	2	303	Sequence 26, Applicati	5.59e+02
320	5	5.0	US-08-294-	2	303	Sequence 28, Applicati	5.59e+02
321	5	5.0	US-08-294-	2	303	Sequence 42, Applicati	5.59e+02
322	5	5.0	US-07-917-	1	303	Sequence 20, Applicati	5.59e+02
323	5	5.0	US-08-294-	2	303	Sequence 3, Applicati	5.59e+02
324	5	5.0	US-08-294-	2	303	Sequence 36, Applicati	5.59e+02
325	5	5.0	US-08-294-	2	303	Sequence 4, Applicati	5.59e+02
326	5	5.0	US-08-294-	2	303	Sequence 52, Applicati	5.59e+02
327	5	5.0	US-08-294-	2	303	Sequence 18, Applicati	5.59e+02
328	5	5.0	US-08-294-	2	303	Sequence 32, Applicati	5.59e+02
329	5	5.0	US-08-294-	2	303	Sequence 10, Applicati	5.59e+02
330	5	5.0	US-08-415-	2	304	Sequence 62, Applicati	5.59e+02
331	5	5.0	US-08-762-	1	304	Sequence 5, Applicatio	5.59e+02
332	5	5.0	US-08-900-	1	304	Sequence 5, Applicatio	5.59e+02
333	5	5.0	US-08-815-	0	304	Sequence 5, Applicatio	5.59e+02
334	5	5.0	PCT-US94-0	4	304	Sequence 32, Applicatio	5.59e+02
335	5	5.0	US-09-001-	2	304	Sequence 49, Applicatio	5.59e+02
336	5	5.0	US-08-420-	2	305	Sequence 1, Applicatio	5.59e+02
337	5	5.0	PCT-US95-1	4	305	Sequence 25, Applicatio	5.59e+02
338	5	5.0	PCT-US94-0	4	307	Sequence 25, Applicatio	5.59e+02
339	5	5.0	US-08-518-	2	312	Sequence 16, Applicatio	5.59e+02
340	5	5.0	US-09-154-	2	314	Sequence 2, Applicatio	5.59e+02
341	5	5.0	US-08-935-	3	314	Sequence 5, Applicatio	5.59e+02
342	5	5.0	US-08-822-	1	317	Sequence 10, Applicatio	5.59e+02
343	5	5.0	US-08-180-	1	317	Sequence 10, Applicatio	5.59e+02
344	5	5.0	US-08-385-	1	317	Sequence 17, Applicatio	5.59e+02
345	5	5.0	PCT-US94-0	4	317	Sequence 17, Applicatio	5.59e+02
346	5	5.0	US-08-484-	1	324	Sequence 17, Applicatio	5.59e+02
347	5	5.0	US-08-484-	1	324	Sequence 6, Applicatio	5.59e+02
348	5	5.0	US-08-475-	2	331	Sequence 6, Applicatio	5.59e+02
349	5	5.0	US-08-559-	2	334	Sequence 2, Applicatio	5.59e+02
350	5	5.0	US-08-749-	3	335	Sequence 2, Applicatio	5.59e+02
351	5	5.0	US-09-014-	2	336	Sequence 15, Applicatio	5.59e+02
352	5	5.0	US-08-749-	3	336	Sequence 2, Applicatio	5.59e+02
353	5	5.0	US-08-332-	1	341	Sequence 2, Applicatio	5.59e+02
354	5	5.0	US-07-748-	1	341	Sequence 4, Applicatio	5.59e+02
355	5	5.0	US-08-166-	1	344	Sequence 4, Applicatio	5.59e+02
356	5	5.0	US-08-400-	1	346	Sequence 24, Applicatio	5.59e+02
357	5	5.0	US-07-952-	2	346	Sequence 24, Applicatio	5.59e+02
358	5	5.0	US-08-914-	2	348	Sequence 50, Applicatio	5.59e+02
359	5	5.0	US-08-229-	1	348	Sequence 50, Applicatio	5.59e+02
360	5	5.0	US-08-630-	1	350	Sequence 50, Applicatio	5.59e+02
361	5	5.0	535257-7	5	350	atent No. 532575	
362	5	5.0	535257-7	5	356	Sequence 2, Applicatio	5.59e+02
363	5	5.0	US-07-998-	3	356	Sequence 2, Applicatio	5.59e+02
364	5	5.0	US-08-844-	4	356	Sequence 15, Applicatio	5.59e+02
365	5	5.0	US-08-466-	3	359	Sequence 2, Applicatio	5.59e+02
366	5	5.0	PCT-US93-1	4	359	Sequence 11, Applicatio	5.59e+02
367	5	5.0	US-09-150-	3	362	Sequence 11, Applicatio	5.59e+02
368	5	5.0	US-09-055-	3	364	Sequence 7, Applicatio	5.59e+02
369	5	5.0	US-08-204-	2	367	Sequence 4, Applicatio	5.59e+02
370	5	5.0	US-08-515-	2	367	Sequence 9, Applicatio	5.59e+02
371	5	5.0	US-08-860-	1	370	Sequence 3, Applicatio	5.59e+02
372	5	5.0	US-08-846-	2	373	Sequence 81, Applicati	5.59e+02
373	5	5.0	US-07-817-	3	375	Sequence 1, Applicatio	5.59e+02
374	5	5.0	US-08-846-	2	376	Sequence 85, Applicatio	5.59e+02
375	5	5.0	PCT-US92-1	4	378	Sequence 7, Applicatio	5.59e+02
376	5	5.0	US-08-244-	2	378	Sequence 6, Applicatio	5.59e+02
377	5	5.0	US-08-482-	1	381	Sequence 2, Applicatio	5.59e+02
378	5	5.0	US-08-858-	2	386	Sequence 4, Applicatio	5.59e+02
379	5	5.0	US-08-759-	1	388	Sequence 9, Applicatio	5.59e+02
380	5	5.0	US-08-409-	2	388	Sequence 3, Applicatio	5.59e+02
381	5	5.0	US-08-928-	1	389	Sequence 26, Applicatio	5.59e+02
382	5	5.0	US-09-253-	2	391	Sequence 5, Applicatio	5.59e+02
383	5	5.0	US-09-253-	2	399	Sequence 5, Applicatio	5.59e+02
384	5	5.0	US-09-253-	1	399	Sequence 81, Applicatio	5.59e+02
385	5	5.0	US-09-253-	2	399	Sequence 5, Applicatio	5.59e+02
386	5	5.0	US-09-414-	1	399	Sequence 5, Applicatio	5.59e+02
387	5	5.0	US-07-989-	1	400	Sequence 2, Applicatio	5.59e+02
388	5	5.0	US-07-989-	1	400	Sequence 2, Applicatio	5.59e+02

No.			Reference		Description	Value
389	5.0	5	US-08-846-	2	Sequence 89, Applicati	5.59e+02
390	5.0	5	US-08-244-	2	Sequence 9, Applicatio	5.59e+02
391	5.0	5	PCT-US92-1	4	Sequence 48, Applicati	5.59e+02
392	5.0	5	US-08-576-	2	Sequence 8, Applicatio	5.59e+02
393	5.0	5	US-08-807-	3	Sequence 12, Applicati	5.59e+02
394	5.0	5	US-08-851-	1	Sequence 1, Applicatio	5.59e+02
395	5.0	5	US-07-757-	2	Sequence 13, Applicati	5.59e+02
396	5.0	5	US-08-939-	1	Sequence 13, Applicati	5.59e+02
397	5.0	5	US-08-442-	2	Sequence 14, Applicati	5.59e+02
398	5.0	5	US-08-442-	2	Sequence 3, Applicatio	5.59e+02
399	5.0	5	US-08-602-	2	Sequence 2, Applicatio	5.59e+02
400	5.0	5	US-08-644-	2	Sequence 12, Applicati	5.59e+02
401	5.0	5	US-08-535-	2	Sequence 4, Applicatio	5.59e+02
402	5.0	5	US-08-749-	1	Sequence 91, Applicati	5.59e+02
403	5.0	5	PCT-US94-0	4	Sequence 91, Applicati	5.59e+02
404	5.0	5	US-08-531-	3	Sequence 101, Applicat	5.59e+02
405	5.0	5	US-08-475-	3	Sequence 91, Applicati	5.59e+02
406	5.0	5	US-08-919-	3	Sequence 91, Applicati	5.59e+02
407	5.0	5	US-08-484-	1	Sequence 8, Applicatio	5.59e+02
408	5.0	5	US-08-360-	3	Sequence 6, Applicatio	5.59e+02
409	5.0	5	US-08-485-	3	Sequence 13, Applicati	5.59e+02
410	5.0	5	US-08-486-	1	Sequence 91, Applicati	5.59e+02
411	5.0	5	US-08-061-	1	Sequence 91, Applicati	5.59e+02
412	5.0	5	US-08-061-	1	Sequence 6, Applicatio	5.59e+02
413	5.0	5	US-08-536-	3	Sequence 6, Applicatio	5.59e+02
414	5.0	5	US-08-536-	1	Sequence 8, Applicatio	5.59e+02
415	5.0	5	US-08-399-	4	Sequence 2, Applicatio	5.59e+02
416	5.0	5	US-08-484-	2	Sequence 2, Applicatio	5.59e+02
417	5.0	5	US-08-493-	2	Sequence 2, Applicatio	5.59e+02
418	5.0	5	PCT-US92-1	2	Sequence 5, Applicatio	5.59e+02
419	5.0	5	US-08-244-	5	Sequence 10, Applicati	5.59e+02
420	5.0	5	PCT-US94-0	2	Sequence 1, Applicatio	5.59e+02
421	5.0	5	US-08-884-	2	Sequence 16, Applicati	5.59e+02
422	5.0	5	US-08-570-	1	Sequence 7, Applicatio	5.59e+02
423	5.0	5	US-08-588-	2	Sequence 68, Applicati	5.59e+02
424	5.0	5	US-08-588-	2	Sequence 2, Applicatio	5.59e+02
425	5.0	5	US-08-338-	1	Sequence 2, Applicatio	5.59e+02
426	5.0	5	US-08-668-	2	Sequence 18, Applicati	5.59e+02
427	5.0	5	US-08-570-	2	Sequence 20, Applicati	5.59e+02
428	5.0	5	US-08-570-	2	Sequence 2, Applicatio	5.59e+02
429	5.0	5	US-08-464-	1	Sequence 55, Applicati	5.59e+02
430	5.0	5	US-09-005-	2	Sequence 6, Applicatio	5.59e+02
431	5.0	5	US-08-630-	2	Sequence 68, Applicati	5.59e+02
432	5.0	5	US-08-475-	4	Sequence 4, Applicatio	5.59e+02
433	5.0	5	US-08-484-	1	Sequence 4, Applicatio	5.59e+02
434	5.0	5	US-08-484-	2	Sequence 55, Applicati	5.59e+02
435	5.0	5	US-08-912-	2	Sequence 30, Applicati	5.59e+02
436	5.0	5	US-08-570-	3	Sequence 6, Applicatio	5.59e+02
437	5.0	5	US-08-464-	2	Sequence 13, Applicati	5.59e+02
438	5.0	5	US-08-960-	2	Sequence 3, Applicatio	5.59e+02
439	5.0	5	US-08-933-	2	Sequence 5, Applicatio	5.59e+02
440	5.0	5	PCT-US91-0	3	Sequence 4, Applicatio	5.59e+02
441	5.0	5	US-08-111-	1	Sequence 4, Applicatio	5.59e+02
442	5.0	5	US-08-942-	1	Sequence 2, Applicatio	5.59e+02
443	5.0	5	US-08-190-	4	Sequence 30, Applicati	5.59e+02
444	5.0	5	PCT-US96-0	1	Sequence 2, Applicatio	5.59e+02
445	5.0	5	US-08-511-	2	Sequence 2, Applicatio	5.59e+02
446	5.0	5	PCT-US95-0	3	Sequence 4, Applicatio	5.59e+02
447	5.0	5	PCT-US95-0	1	Sequence 4, Applicatio	5.59e+02
448	5.0	5	US-08-190-	1	Sequence 2, Applicatio	5.59e+02
449	5.0	5	US-08-553-	2	Sequence 4, Applicatio	5.59e+02
450	5.0	5	US-08-923-	3	Sequence 4, Applicatio	5.59e+02
451	5.0	5	US-08-850-	2	Sequence 29, Applicati	5.59e+02
452	5.0	5	US-08-973-	2	Sequence 44, Applicati	5.59e+02
453	5.0	5	US-08-659-	2	Sequence 44, Applicati	5.59e+02
454	5.0	5	US-08-896-	3	Sequence 20, Applicati	5.59e+02
455	5.0	5	US-08-548-	1	Sequence 16, Applicati	5.59e+02
456	5.0	5	US-08-200-	1	Sequence 16, Applicati	5.59e+02
457	5.0	5	US-08-332-	2	Sequence 16, Applicati	5.59e+02
458	5.0	5	US-08-933-	2	Sequence 16, Applicati	5.59e+02
459	5.0	5	US-09-050-	3	Sequence 16, Applicati	5.59e+02
460	5.0	5	US-08-808-	2	Sequence 2, Applicatio	5.59e+02
461	5.0	5	PCT-US95-0	4	Sequence 2, Applicatio	5.59e+02
462	5	5.0	US-08-484-	2	Sequence 6, Applicatio	5.59e+02
463	5	5.0	US-09-198-	3	Sequence 5, Applicatio	5.59e+02
464	5	5.0	US-08-948-	2	Sequence 5, Applicatio	5.59e+02
465	5	5.0	US-08-140-	1	Sequence 5, Applicatio	5.59e+02
466	5	5.0	US-09-188-	2	Sequence 2, Applicatio	5.59e+02
467	5	5.0	US-08-546-	1	Sequence 5, Applicatio	5.59e+02
468	5	5.0	US-09-042-	2	Sequence 5, Applicatio	5.59e+02
469	5	5.0	US-09-332-	3	Sequence 4, Applicatio	5.59e+02
470	5	5.0	US-09-042-	2	Sequence 5, Applicatio	5.59e+02
471	5	5.0	US-08-546-	2	Sequence 5, Applicatio	5.59e+02
472	5	5.0	US-08-663-	2	Sequence 4, Applicatio	5.59e+02
473	5	5.0	US-08-916-	2	Sequence 5, Applicatio	5.59e+02
474	5	5.0	US-09-042-	3	Sequence 5, Applicatio	5.59e+02
475	5	5.0	US-08-264-	1	Sequence 7, Applicatio	5.59e+02
476	5	5.0	US-08-467-	1	Sequence 35, Applicati	5.59e+02
477	5	5.0	US-08-120-	1	Sequence 2, Applicatio	5.59e+02
478	5	5.0	US-08-484-	1	Sequence 2, Applicatio	5.59e+02
479	5	5.0	US-08-475-	2	Sequence 2, Applicatio	5.59e+02
480	5	5.0	US-08-484-	4	Sequence 2, Applicatio	5.59e+02
481	5	5.0	PCT-US96-0	2	Sequence 2, Applicatio	5.59e+02
482	5	5.0	US-08-647-	1	Sequence 4, Applicatio	5.59e+02
483	5	5.0	US-08-805-	1	Sequence 2, Applicatio	5.59e+02
484	5	5.0	US-08-430-	1	Sequence 2, Applicatio	5.59e+02
485	5	5.0	US-08-647-	1	Sequence 6, Applicatio	5.59e+02
486	5	5.0	US-08-415-	1	Sequence 4, Applicatio	5.59e+02
487	5	5.0	US-08-368-	4	Sequence 4, Applicatio	5.59e+02
488	5	5.0	US-09-368-	4	Sequence 17, Applicati	5.59e+02
489	5	5.0	PCT-US91-0	4	Sequence 11, Applicati	5.59e+02
490	5	5.0	US-08-453-	5	Sequence 9, Applicatio	5.59e+02
491	5	5.0	PCT-US91-0	2	Sequence 19, Applicati	5.59e+02
492	5	5.0	5223254-2	5	atent No. 5223254	5.59e+02
493	5	5.0	US-08-756-	2	Sequence 4, Applicatio	5.59e+02
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533	5	5.0	US-08-756-	2	Sequence 3, Applicatio	5.59e+02
534	5	5.0	US-08-752-	2	Sequence 12, Applicati	5.59e+02

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#				Patent ID		Description	Value
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539	5	5	5.0	US-08-596-	2	Sequence 7, Applicatio	5.59e+02
540	5	5	5.0	US-08-648-	4	Sequence 2, Applicatio	5.59e+02
541	5	5	5.0	US-08-756-	3	Sequence 2, Applicatio	5.59e+02
542	5	5	5.0	US-08-467-	1	Sequence 2, Applicatio	5.59e+02
543	5	5	5.0	PCT-US93-0	4	Sequence 2, Applicatio	5.59e+02
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549	5	5	5.0	US-08-261-	1	Sequence 6, Applicatio	5.59e+02
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556	5	5	5.0	US-08-435-	1	Sequence 2, Applicatio	5.59e+02
557	5	5	5.0	US-08-438-	3	Sequence 2, Applicatio	5.59e+02
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567	5	5	5.0	PCT-US91-0	4	Sequence 34, Applicati	5.59e+02
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663	5	5	5.0	US-08-484-	3	Sequence 4, Applicatio	5.59e+02
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673	5	5	5.0	US-08-482-	2	Sequence 46, Applicati	5.59e+02
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675	5	5	5.0	US-08-362-	1	Sequence 46, Applicati	5.59e+02
676	5	5	5.0	US-08-605-	2	Sequence 46, Applicati	5.59e+02
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678	5	5	5.0	US-08-485-	1	Sequence 46, Applicati	5.59e+02
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680	5	5	5.0	US-08-943-	2	Sequence 53, Applicati	5.59e+02

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683	5	5.0	1161	2	US-08-605-	Sequence 53,	Applicatio	5.59e+02
684	5	5.0	1161	1	US-08-485-	Sequence 53,	Applicati	5.59e+02
685	5	5.0	1167	2	US-08-485-	Sequence 6,	Applicatio	5.59e+02
686	5	5.0	1167	2	US-08-590-	Sequence 6,	Applicatio	5.59e+02
687	5	5.0	1167	2	US-09-184-	Sequence 9,	Applicatio	5.59e+02
688	5	5.0	1168	2	US-08-620-	Sequence 4,	Applicatio	5.59e+02
689	5	5.0	1186	2	US-09-184-	Sequence 4,	Applicatio	5.59e+02
690	5	5.0	1186	1	US-08-485-	Sequence 4,	Applicatio	5.59e+02
691	5	5.0	1186	1	US-08-590-	Sequence 6,	Applicatio	5.59e+02
692	5	5.0	1186	2	US-08-357-	Sequence 10,	Applicatio	5.59e+02
693	5	5.0	1205	3	PCT-US93-1	Sequence 2,	Applicatio	5.59e+02
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695	5	5.0	1287	5	US-08-200-	Sequence 10,	Applicatio	5.59e+02
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697	5	5.0	1287	4	PCT-US95-0	Sequence 2,	Applicatio	5.59e+02
698	5	5.0	1296	3	US-08-470-	Sequence 3,	Applicatio	5.59e+02
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700	5	5.0	1311	4	PCT-US95-1	Sequence 2,	Applicatio	5.59e+02
701	5	5.0	1311	2	US-08-540-	Sequence 4,	Applicatio	5.59e+02
702	5	5.0	1311	3	US-08-656-	Sequence 4,	Applicatio	5.59e+02
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706	5	5.0	1385	4	5426049-1	Sequence 4,	Applicatio	5.59e+02
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708	5	5.0	1385	5	5281530-1	atent No. 5281530		5.59e+02
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711	5	5.0	1385	1	US-08-304-	Sequence 2,	Applicatio	5.59e+02
712	5	5.0	1385	2	US-08-611-	Sequence 2,	Applicatio	5.59e+02
713	5	5.0	1385	4	PCT-US92-0	Sequence 3,	Applicatio	5.59e+02
714	5	5.0	1385	1	US-08-316-	Sequence 2,	Applicatio	5.59e+02
715	5	5.0	1385	1	US-07-675-	Sequence 8,	Applicatio	5.59e+02
716	5	5.0	1385	1	US-08-540-	Sequence 32,	Applicatio	5.59e+02
717	5	5.0	1385	3	PCT-US91-0	Sequence 26,	Applicatio	5.59e+02
718	5	5.0	1385	1	US-08-063-	Sequence 22,	Applicatio	5.59e+02
719	5	5.0	1400	4	US-08-080-	Sequence 48,	Applicatio	5.59e+02
720	5	5.0	1400	1	PCT-US93-0	Sequence 12,	Applicatio	5.59e+02
721	5	5.0	1417	2	US-08-559-	Sequence 78,	Applicatio	5.59e+02
722	5	5.0	1437	3	US-09-061-	Sequence 2,	Applicatio	5.59e+02
723	5	5.0	1453	2	US-09-001-	Sequence 8,	Applicatio	5.59e+02
724	5	5.0	1454	4	PCT-US93-0	Sequence 2,	Applicatio	5.59e+02
725	5	5.0	1454	4	PCT-US93-0	Sequence 8,	Applicatio	5.59e+02
726	5	5.0	1454	4	PCT-US91-0	Sequence 32,	Applicatio	5.59e+02
727	5	5.0	1454	4	PCT-US93-0	Sequence 22,	Applicatio	5.59e+02
728	5	5.0	1454	4	PCT-US93-0	Sequence 48,	Applicatio	5.59e+02
729	5	5.0	1454	4	PCT-US93-0	Sequence 12,	Applicatio	5.59e+02
730	5	5.0	1454	4	PCT-US93-0	Sequence 47,	Applicatio	5.59e+02
731	5	5.0	1454	4	PCT-US93-0	Sequence 45,	Applicatio	5.59e+02
732	5	5.0	1454	4	PCT-US93-0	Sequence 44,	Applicatio	5.59e+02
733	5	5.0	1454	4	PCT-US93-0	Sequence 16,	Applicatio	5.59e+02
734	5	5.0	1454	4	PCT-US93-0	Sequence 8,	Applicatio	5.59e+02
735	5	5.0	1456	2	US-08-026-	Sequence 2,	Applicatio	5.59e+02
736	5	5.0	1461	1	US-08-993-	Sequence 10,	Applicatio	5.59e+02
737	5	5.0	1482	1	US-08-026-	Sequence 15,	Applicatio	5.59e+02
738	5	5.0	1535	3	US-08-755-	Sequence 185,	Applicatio	5.59e+02
739	5	5.0	1572	2	US-08-755-	Sequence 184,	Applicat	5.59e+02
740	5	5.0	1579	3	US-08-755-	Sequence 183,	Applicatio	5.59e+02
741	5	5.0	1683	5	US-08-570-	Sequence 10,	Applicatio	5.59e+02
742	5	5.0	1732	2	US-08-353-	Sequence 10,	Applicatio	5.59e+02
743	5	5.0	1732	2	US-08-980-	Sequence 28,	Applicatio	5.59e+02
744	5	5.0	2254	2	US-08-286-	Sequence 28,	Applicatio	5.59e+02
745	5	5.0	2254	2	US-08-755-	Sequence 16,	Applicatio	5.59e+02
746	5	5.0	2329	3	US-08-870-	Sequence 15,	Applicatio	5.59e+02
747	5	5.0	2368	2	US-08-198-	Sequence 15,	Applicatio	5.59e+02
748	5	5.0	2368	1	US-08-083-	Sequence 19,	Applicatio	5.59e+02
749	5	5.0	2471	1	US-08-185-	Sequence 16,	Applicatio	5.59e+02
750	5	5.0	2471	1	US-08-083-	Sequence 18,	Applicati	5.59e+02
751	5	5.0	2523	1	US-08-185-	Sequence 18,	Applicati	5.59e+02
752	5	5.0	2556	1	US-08-083-	Sequence 20,	Applicati	5.59e+02

754	5	5.0	2556	1	US-08-185-	Sequence 17,	Applicati	5.59e+02
755	5	5.0	2627	2	US-09-060-	Sequence 3,	Applicatio	5.59e+02
756	5	5.0	2628	2	US-08-751-	Sequence 3,	Applicatio	5.59e+02
757	5	5.0	2629	2	US-08-570-	Sequence 14,	Applicati	5.59e+02
758	5	5.0	2629	2	US-09-060-	Sequence 4,	Applicatio	5.59e+02
759	5	5.0	2703	1	US-08-751-	Sequence 19,	Applicatio	5.59e+02
760	5	5.0	2860	2	US-08-185-	Sequence 2,	Applicatio	5.59e+02
761	5	5.0	2938	4	US-08-826-	Sequence 3,	Applicatio	5.59e+02
762	5	5.0	3031	1	PCT-US94-0	Sequence 2,	Applicatio	5.59e+02
763	5	5.0	3077	5	US-08-689-	atent No. 523423		5.59e+02
764	5	5.0	3224	3	523423-2	Sequence 34,	Applicati	5.59e+02
765	5	5.0	3224	3	US-08-705-	Sequence 34,	Applicatio	5.59e+02
766	5	5.0	3418	2	US-08-989-	Sequence 2,	Applicatio	5.59e+02
767	5	5.0	3418	3	US-09-044-	Sequence 44,	Applicatio	5.59e+02
768	5	5.0	3418	2	US-08-755-	Sequence 2,	Applicatio	5.59e+02
769	5	5.0	3418	2	US-08-639-	Sequence 4,	Applicatio	5.59e+02
770	5	5.0	4472	2	US-08-804-	Sequence 2,	Applicatio	5.59e+02
771	5	5.0	4545	2	US-08-804-	Sequence 14,	Applicatio	5.59e+02
772	5	5.0	4550	2	US-08-804-	Sequence 8,	Applicatio	5.59e+02
773	5	5.0	4550	2	US-08-804-	Sequence 2,	Applicatio	5.59e+02
774	5	5.0	4550	2	US-08-471-	Sequence 2,	Applicatio	5.59e+02
775	5	5.0	15281	1	US-08-650-	Sequence 97,	Applicatio	5.59e+02
776	4	4.0	6	1	US-08-650-	Sequence 95,	Applicatio	4.79e+03
777	4	4.0	6	1	US-08-650-	Sequence 96,	Applicatio	4.79e+03
778	4	4.0	7	1	US-08-019-	Sequence 1,	Applicatio	4.79e+03
779	4	4.0	9	1	US-08-672-	Sequence 27,	Applicatio	4.79e+03
780	4	4.0	9	1	US-08-463-	Sequence 7,	Applicatio	4.79e+03
781	4	4.0	9	2	US-08-318-	Sequence 17,	Applicatio	4.79e+03
782	4	4.0	9	2	US-08-210-	Sequence 8,	Applicatio	4.79e+03
783	4	4.0	15	2	US-08-856-	Sequence 23,	Applicatio	4.79e+03
784	4	4.0	15	1	US-08-414-	Sequence 45,	Applicatio	4.79e+03
785	4	4.0	16	2	US-08-146-	Sequence 4,	Applicatio	4.79e+03
786	4	4.0	17	2	US-07-624-	Sequence 4,	Applicatio	4.79e+03
787	4	4.0	20	2	US-08-954-	Sequence 8,	Applicatio	4.79e+03
788	4	4.0	20	2	US-08-659-	Sequence 12,	Applicatio	4.79e+03
789	4	4.0	23	2	US-08-139-	Sequence 7,	Applicatio	4.79e+03
790	4	4.0	28	1	US-07-690-	Sequence 7,	Applicatio	4.79e+03
791	4	4.0	28	1	US-07-938-	Sequence 32,	Applicatio	4.79e+03
792	4	4.0	28	2	US-07-690-	Sequence 8,	Applicatio	4.79e+03
793	4	4.0	29	1	US-08-459-	Sequence 49,	Applicatio	4.79e+03
794	4	4.0	30	1	US-07-690-	Sequence 48,	Applicatio	4.79e+03
795	4	4.0	31	2	US-08-428-	Sequence 62,	Applicatio	4.79e+03
796	4	4.0	32	1	US-08-483-	Sequence 50,	Applicatio	4.79e+03
797	4	4.0	33	2	US-08-471-	Sequence 26,	Applicatio	4.79e+03
798	4	4.0	35	2	US-08-140-	Sequence 47,	Applicatio	4.79e+03
799	4	4.0	36	2	US-08-482-	Sequence 13,	Applicatio	4.79e+03
800	4	4.0	38	2	US-08-488-	Sequence 32,	Applicatio	4.79e+03
801	4	4.0	38	1	US-08-471-	Sequence 5,	Applicatio	4.79e+03
802	4	4.0	39	2	US-08-262-	Sequence 127,	Applicat	4.79e+03
803	4	4.0	49	2	US-08-256-	Sequence 18,	Applicati	4.79e+03
804	4	4.0	53	1	US-09-136-	Sequence 12,	Applicatio	4.79e+03
805	4	4.0	58	2	US-08-485-	Sequence 35,	Applicatio	4.79e+03
806	4	4.0	65	1	US-08-466-	Sequence 8,	Applicatio	4.79e+03
807	4	4.0	65	2	US-08-485-	Sequence 93,	Applicatio	4.79e+03
808	4	4.0	75	2	US-08-530-	Sequence 93,	Applicatio	4.79e+03
809	4	4.0	94	1	US-08-569-	Sequence 5,	Applicatio	4.79e+03
810	4	4.0	97	2	US-08-479-	Sequence 35,	Applicatio	4.79e+03
811	4	4.0	97	2	US-08-479-	Sequence 2,	Applicatio	4.79e+03
812	4	4.0	103	1	US-07-942-	Sequence 8,	Applicatio	4.79e+03
813	4	4.0	104	2	US-08-485-	Sequence 83,	Applicatio	4.79e+03
814	4	4.0	106	2	US-08-341-	Sequence 16,	Applicatio	4.79e+03
815	4	4.0	106	2	US-08-082-	Sequence 40,	Applicatio	4.79e+03
816	4	4.0	107	1	US-08-232-	Sequence 82,	Applicatio	4.79e+03
817	4	4.0	107	2	US-08-899-	Sequence 91,	Applicatio	4.79e+03
818	4	4.0	110	2	US-08-485-	Sequence 7,	Applicatio	4.79e+03
819	4	4.0	111	2	US-08-948-	Sequence 2,	Applicatio	4.79e+03
820	4	4.0	111	2	US-08-825-	Sequence 7,	Applicatio	4.79e+03
821	4	4.0	111	1	US-09-193-	Sequence 15,	Applicatio	4.79e+03
822	4	4.0	111	2	US-08-470-	Sequence 6,	Applicatio	4.79e+03
823	4	4.0	120	1	US-08-652-	Sequence 30,	Applicatio	4.79e+03
824	4	4.0	120	2	US-08-053-	Sequence 3,	Applicatio	4.79e+03
825	4	4.0	122	2	US-08-886-	Sequence 3,	Applicatio	4.79e+03

#			No	n	ID	Sequence
900	4	4.0	382	1	US-08-469-	Sequence 2, Applicatio 4.79e+03
901	4	4.0	385	1	US-08-597-	Sequence 1, Applicatio 4.79e+03
902	4	4.0	388	2	US-08-429-	Sequence 11, Applicatio 4.79e+03
903	4	4.0	388	2	US-09-096-	Sequence 5, Applicatio 4.79e+03
904	4	4.0	390	2	US-09-096-	Sequence 4, Applicatio 4.79e+03
905	4	4.0	397	2	US-07-817-	Sequence 6, Applicatio 4.79e+03
906	4	4.0	401	2	US-08-990-	Sequence 8, Applicatio 4.79e+03
907	4	4.0	404	2	US-08-198-	Sequence 11, Applicati 4.79e+03
908	4	4.0	410	1	US-08-428-	Sequence 7, Applicatio 4.79e+03
909	4	4.0	410	1	US-08-698-	Sequence 2, Applicatio 4.79e+03
910	4	4.0	410	2	US-08-123-	Sequence 5, Applicatio 4.79e+03
911	4	4.0	412	1	US-08-533-	Sequence 5, Applicatio 4.79e+03
912	4	4.0	425	2	US-08-700-	Sequence 11, Applicatio 4.79e+03
913	4	4.0	435	2	US-08-031-	Sequence 6, Applicatio 4.79e+03
914	4	4.0	441	2	US-08-491-	Sequence 6, Applicatio 4.79e+03
915	4	4.0	446	2	US-08-874-	Sequence 2, Applicatio 4.79e+03
916	4	4.0	451	2	US-08-919-	Sequence 1, Applicatio 4.79e+03
917	4	4.0	456	2	US-08-819-	Sequence 2, Applicatio 4.79e+03
918	4	4.0	462	1	US-08-865-	Sequence 9, Applicatio 4.79e+03
919	4	4.0	481	2	US-08-215-	Sequence 12, Applicati 4.79e+03
920	4	4.0	485	1	US-08-362-	Sequence 27, Applicati 4.79e+03
921	4	4.0	487	1	US-08-404-	Sequence 7, Applicatio 4.79e+03
922	4	4.0	499	2	US-08-993-	Sequence 2, Applicatio 4.79e+03
923	4	4.0	499	1	US-08-993-	Sequence 3, Applicatio 4.79e+03
924	4	4.0	501	2	US-08-461-	Sequence 4, Applicatio 4.79e+03
925	4	4.0	501	1	US-08-317-	Sequence 17, Applicati 4.79e+03
926	4	4.0	509	2	US-08-890-	Sequence 6, Applicatio 4.79e+03
927	4	4.0	530	1	US-07-872-	Sequence 12, Applicati 4.79e+03
928	4	4.0	531	1	US-08-923-	Sequence 27, Applicati 4.79e+03
929	4	4.0	534	1	US-08-455-	Sequence 4, Applicatio 4.79e+03
930	4	4.0	535	1	US-08-445-	Sequence 99, Applicatio 4.79e+03
931	4	4.0	546	2	US-08-478-	Sequence 99, Applicati 4.79e+03
932	4	4.0	546	2	US-08-337-	Sequence 37, Applicati 4.79e+03
933	4	4.0	548	1	US-08-468-	Sequence 37, Applicatio 4.79e+03
934	4	4.0	548	2	US-08-704-	Sequence 4, Applicatio 4.79e+03
935	4	4.0	553	2	US-08-484-	Sequence 14, Applicati 4.79e+03
936	4	4.0	566	2	US-08-854-	Sequence 2, Applicatio 4.79e+03
937	4	4.0	579	2	US-08-126-	Sequence 31, Applicatio 4.79e+03
938	4	4.0	580	2	US-08-468-	Sequence 69, Applicati 4.79e+03
939	4	4.0	584	2	US-08-415-	Sequence 41, Applicati 4.79e+03
940	4	4.0	588	2	US-08-620-	Sequence 2, Applicatio 4.79e+03
941	4	4.0	596	2	US-08-961-	Sequence 12, Applicati 4.79e+03
942	4	4.0	601	2	US-08-805-	Sequence 16, Applicati 4.79e+03
943	4	4.0	604	1	US-08-746-	Sequence 32, Applicati 4.79e+03
944	4	4.0	604	1	US-08-487-	Sequence 4, Applicatio 4.79e+03
945	4	4.0	604	3	US-08-746-	Sequence 30, Applicati 4.79e+03
946	4	4.0	607	2	US-08-839-	Sequence 12, Applicati 4.79e+03
947	4	4.0	612	2	US-08-746-	Sequence 31, Applicati 4.79e+03
948	4	4.0	616	1	US-08-749-	Sequence 2, Applicatio 4.79e+03
949	4	4.0	619	2	US-07-762-	Sequence 113, Applicat 4.79e+03
950	4	4.0	630	3	US-08-474-	Sequence 2, Applicat 4.79e+03
951	4	4.0	648	2	US-08-185-	Sequence 12, Applicati 4.79e+03
952	4	4.0	648	1	US-08-817-	Sequence 3, Applicatio 4.79e+03
953	4	4.0	659	1	US-08-198-	Sequence 9, Applicatio 4.79e+03
954	4	4.0	668	2	US-08-204-	Sequence 1, Applicatio 4.79e+03
955	4	4.0	673	1	US-08-438-	Sequence 33, Applicati 4.79e+03
956	4	4.0	680	2	US-08-542-	Sequence 3, Applicatio 4.79e+03
957	4	4.0	687	1	US-08-555-	Sequence 86, Applicati 4.79e+03
958	4	4.0	709	2	US-08-968-	Sequence 18, Applicati 4.79e+03
959	4	4.0	712	2	US-08-852-	Sequence 7, Applicatio 4.79e+03
960	4	4.0	722	2	US-08-204-	Sequence 4, Applicatio 4.79e+03
961	4	4.0	752	2	US-08-896-	Sequence 2, Applicatio 4.79e+03
962	4	4.0	752	2	US-08-896-	Sequence 2, Applicatio 4.79e+03
963	4	4.0	756	2	US-09-099-	Sequence 2, Applicatio 4.79e+03
964	4	4.0	772	2	US-08-900-	Sequence 33, Applicati 4.79e+03
965	4	4.0	808	2	US-08-658-	Sequence 3, Applicatio 4.79e+03
966	4	4.0	810	1	US-07-854-	Sequence 86, Applicati 4.79e+03
967	4	4.0	814	2	US-08-440-	Sequence 3, Applicatio 4.79e+03
968	4	4.0	841	1	US-08-709-	Sequence 86, Applicati 4.79e+03
969	4	4.0	877	1	US-08-072-	Sequence 12, Applicati 4.79e+03
970	4	4.0	890	2	US-08-323-	Sequence 8, Applicatio 4.79e+03
971	4	4.0	899	1	US-08-145-	Sequence 5, Applicatio 4.79e+03
972	4	4.0	907	1	US-08-349-	Sequence 2, Applicatio 4.79e+03

#			n	ID	No	Sequence
827	4	4.0	2	US-08-759-	125	Sequence 64, Applicati 4.79e+03
828	4	4.0	2	US-08-491-	130	Sequence 22, Applicati 4.79e+03
829	4	4.0	2	US-08-647-	132	Sequence 11, Applicati 4.79e+03
830	4	4.0	2	US-08-891-	133	Sequence 15, Applicati 4.79e+03
831	4	4.0	2	US-07-830-	140	Sequence 7, Applicati 4.79e+03
832	4	4.0	2	US-08-694-	142	Sequence 3, Applicatio 4.79e+03
833	4	4.0	1	US-08-453-	146	Sequence 38, Applicati 4.79e+03
834	4	4.0	1	US-08-450-	157	Sequence 2, Applicatio 4.79e+03
835	4	4.0	1	US-07-847-	160	Sequence 3, Applicatio 4.79e+03
836	4	4.0	2	US-08-777-	165	Sequence 1, Applicatio 4.79e+03
837	4	4.0	2	US-08-628-	166	Sequence 2, Applicatio 4.79e+03
838	4	4.0	2	US-08-455-	168	Sequence 45, Applicati 4.79e+03
839	4	4.0	2	US-08-537-	173	Sequence 43, Applicati 4.79e+03
840	4	4.0	1	US-07-641-	174	Sequence 1, Applicatio 4.79e+03
841	4	4.0	1	US-07-692-	174	Sequence 46, Applicati 4.79e+03
842	4	4.0	2	US-08-928-	178	Sequence 1, Applicatio 4.79e+03
843	4	4.0	1	US-08-468-	184	Sequence 18, Applicati 4.79e+03
844	4	4.0	2	US-08-778-	196	Sequence 2, Applicatio 4.79e+03
845	4	4.0	2	US-08-505-	197	Sequence 1, Applicatio 4.79e+03
846	4	4.0	1	US-08-820-	200	Sequence 1, Applicatio 4.79e+03
847	4	4.0	2	US-08-190-	200	Sequence 4, Applicatio 4.79e+03
848	4	4.0	2	US-08-442-	200	Sequence 33, Applicati 4.79e+03
849	4	4.0	2	US-08-531-	205	Sequence 31, Applicati 4.79e+03
850	4	4.0	2	US-08-531-	205	Sequence 6, Applicatio 4.79e+03
851	4	4.0	1	US-08-854-	209	Sequence 2, Applicatio 4.79e+03
852	4	4.0	2	US-08-018-	232	Sequence 36, Applicati 4.79e+03
853	4	4.0	2	US-07-934-	235	Sequence 61, Applicati 4.79e+03
854	4	4.0	1	US-08-679-	238	Sequence 4, Applicatio 4.79e+03
855	4	4.0	2	US-08-485-	240	Sequence 2, Applicatio 4.79e+03
856	4	4.0	1	US-07-945-	245	Sequence 12, Applicati 4.79e+03
857	4	4.0	2	US-08-438-	246	Sequence 2, Applicatio 4.79e+03
858	4	4.0	2	US-08-921-	248	Sequence 11, Applicati 4.79e+03
859	4	4.0	3	US-08-968-	250	Sequence 4, Applicatio 4.79e+03
860	4	4.0	2	US-08-659-	253	Sequence 17, Applicati 4.79e+03
861	4	4.0	2	US-08-592-	254	Sequence 4, Applicatio 4.79e+03
862	4	4.0	1	US-08-077-	255	Sequence 6, Applicatio 4.79e+03
863	4	4.0	2	US-08-785-	257	Sequence 1, Applicatio 4.79e+03
864	4	4.0	2	US-08-658-	262	Sequence 8, Applicatio 4.79e+03
865	4	4.0	3	US-08-432-	266	Sequence 9, Applicatio 4.79e+03
866	4	4.0	2	US-08-467-	269	Sequence 11, Applicati 4.79e+03
867	4	4.0	1	US-08-709-	271	Sequence 10, Applicati 4.79e+03
868	4	4.0	1	US-08-485-	272	Sequence 84, Applicati 4.79e+03
869	4	4.0	2	US-07-857-	272	Sequence 23, Applicati 4.79e+03
870	4	4.0	2	US-08-683-	276	Sequence 6, Applicatio 4.79e+03
871	4	4.0	2	US-08-140-	280	Sequence 4, Applicatio 4.79e+03
872	4	4.0	1	US-08-946-	305	Sequence 4, Applicatio 4.79e+03
873	4	4.0	1	US-08-683-	305	Sequence 9, Applicatio 4.79e+03
874	4	4.0	3	US-08-425-	306	Sequence 18, Applicati 4.79e+03
875	4	4.0	2	US-08-571-	312	Sequence 1, Applicatio 4.79e+03
876	4	4.0	2	US-08-640-	315	Sequence 5, Applicatio 4.79e+03
877	4	4.0	1	US-08-225-	326	Sequence 10, Applicati 4.79e+03
878	4	4.0	2	US-09-150-	328	Sequence 36, Applicati 4.79e+03
879	4	4.0	1	US-08-276-	331	Sequence 1, Applicatio 4.79e+03
880	4	4.0	1	US-08-997-	333	Sequence 2, Applicatio 4.79e+03
881	4	4.0	2	US-08-219-	335	Sequence 25, Applicati 4.79e+03
882	4	4.0	2	US-08-729-	335	Sequence 32, Applicati 4.79e+03
883	4	4.0	1	US-08-347-	339	Sequence 1, Applicatio 4.79e+03
884	4	4.0	1	US-08-429-	343	Sequence 3, Applicatio 4.79e+03
885	4	4.0	3	US-08-248-	347	Sequence 8, Applicatio 4.79e+03
886	4	4.0	2	US-08-980-	348	Sequence 3, Applicatio 4.79e+03
887	4	4.0	3	US-08-773-	350	Sequence 3, Applicatio 4.79e+03
888	4	4.0	1	US-09-203-	359	Sequence 1, Applicatio 4.79e+03
889	4	4.0	2	US-08-202-	361	Sequence 4, Applicatio 4.79e+03
890	4	4.0	1	US-08-137-	361	Sequence 25, Applicati 4.79e+03
891	4	4.0	2	US-08-902-	364	Sequence 32, Applicati 4.79e+03
892	4	4.0	3	US-08-729-	367	Sequence 6, Applicatio 4.79e+03
893	4	4.0	1	US-08-980-	367	Sequence 17, Applicati 4.79e+03
894	4	4.0	2	US-08-440-	370	Sequence 6, Applicatio 4.79e+03
895	4	4.0	2	US-08-990-	375	Sequence 37, Applicati 4.79e+03
896	4	4.0	2	US-07-662-	376	Sequence 5, Applicatio 4.79e+03
897	4	4.0	2	US-08-765-		Sequence 8, Applicatio 4.79e+03
898	4	4.0	1	US-08-002-		Sequence 8, Applicatio 4.79e+03

973	4	4.0	US-08-693- 2	Sequence 33, Applicati	4.79e+03
974	4	4.0	US-08-425- 1	Sequence 21, Applicati	4.79e+03
975	4	4.0	US-08-818- 2	Sequence 4, Applicatio	4.79e+03
976	4	4.0	US-08-788- 2	Sequence 4, Applicatio	4.79e+03
977	4	4.0	US-08-867- 2	Sequence 24, Applicati	4.79e+03
978	4	4.0	US-08-428- 2	Sequence 3, Applicatio	4.79e+03
979	4	4.0	US-08-571- 1	Sequence 2, Applicatio	4.79e+03
980	4	4.0	US-08-184- 3	Sequence 120, Applicat	4.79e+03
981	4	4.0	US-08-980- 1	Sequence 19, Applicatio	4.79e+03
982	4	4.0	US-08-222- 1	Sequence 4, Applicatio	4.79e+03
983	4	4.0	US-08-460- 1	Sequence 1, Applicatio	4.79e+03
984	4	4.0	US-08-440- 1	Sequence 12, Applicatio	4.79e+03
985	4	4.0	US-08-190- 1	Sequence 8, Applicatio	4.79e+03
986	4	4.0	US-08-659- 1	Sequence 5, Applicatio	4.79e+03
987	4	4.0	US-08-805- 2	Sequence 18, Applicatio	4.79e+03
988	4	4.0	US-08-396- 2	Sequence 8, Applicatio	4.79e+03
989	4	4.0	US-08-625- 2	Sequence 2, Applicatio	4.79e+03
990	4	4.0	US-08-760- 2	Sequence 3, Applicatio	4.79e+03
991	4	4.0	US-08-609- 1	Sequence 13, Applicatio	4.79e+03
992	4	4.0	US-08-477- 1	Sequence 10, Applicati	4.79e+03
993	4	4.0	US-08-852- 1	Sequence 24, Applicati	4.79e+03
994	4	4.0	US-08-971- 1	Sequence 2, Applicatio	4.79e+03
995	4	4.0	US-08-646- 1	Sequence 11, Applicatio	4.79e+03
996	4	4.0	US-08-393- 1	Sequence 5, Applicatio	4.79e+03
997	4	4.0	US-08-455- 1	Sequence 49, Applicatio	4.79e+03
998	4	4.0	US-08-455- 1	Sequence 51, Applicati	4.79e+03
999	4	4.0	US-08-466- 2	Sequence 23, Applicati	4.79e+03
1000	4	4.0	US-08-477- 2	Sequence 6, Applicatio	4.79e+03

ALIGNMENTS

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RESULT  1
ID  US-08-969-378-2          STANDARD;       PRT;       101 AA.
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AC  xxxxxx
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DT
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DE  Sequence 2, Application US/08969378
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CC  Sequence 2, Application US/08969378
CC  Patent No. 601876
CC  GENERAL INFORMATION:
CC     APPLICANT: Boyd, Michael R.
CC     APPLICANT: Gustafson, Kirk R.
CC     APPLICANT: Shoemaker, Robert H.
CC     APPLICANT: McMahon, James B.
CC  TITLE OF INVENTION: ANTIVIRAL PROTEINS AND PEPTIDES, DNA
CC  TITLE OF INVENTION: CODING SEQUENCES THEREFOR, AND USES THEREOF
CC  NUMBER OF SEQUENCES: 4
CC  CORRESPONDENCE ADDRESS:
CC     ADDRESSEE: Leydig, Voit & Mayer, Ltd.
CC     STREET: Two Prudential Plaza, Suite 4900
CC     CITY: Chicago
CC     STATE: IL
CC     COUNTRY: U.S.A.
CC     ZIP: 60601-6780
CC  COMPUTER READABLE FORM:
CC     MEDIUM TYPE: Floppy disk
CC     COMPUTER: IBM PC compatible
CC     OPERATING SYSTEM: PC-DOS/MS-DOS
CC     SOFTWARE: PatentIn Release #1.0, Version #1.25
CC  CURRENT APPLICATION DATA:
CC     APPLICATION NUMBER: US/08/969,378
CC     FILING DATE:
CC     CLASSIFICATION:
CC  PRIOR APPLICATION DATA:
CC     APPLICATION NUMBER: 08/429,965
CC     FILING DATE: 27-APR-1995
CC  ATTORNEY/AGENT INFORMATION:
CC     NAME: Larcher, Carol
CC     REGISTRATION NUMBER: 35243
CC     REFERENCE/DOCKET NUMBER: 61037
CC  TELECOMMUNICATION INFORMATION:
CC     TELEPHONE: (312)616-5600
CC     TELEFAX: (312)616-5700
XX
DT  INFORMATION FOR SEQ ID NO: 2:
CC  SEQUENCE CHARACTERISTICS:
CC     LENGTH: 101 amino acids
CC     TYPE: amino acid
CC     TOPOLOGY: linear
CC  MOLECULE TYPE: protein
SQ  SEQUENCE 101 AA; 11013 MW; 49325 CN;

Query Match             100.0%;  Score 101;  DB 3;  Length 101;
Best Local Similarity   100.0%;  Pred. No. 1.05e-142;
Matches  101;  Conservative   0;  Mismatches   0;  Indels   0;  Gaps   0;

Db         1 LGKFSQTCYNSAIQGSVLTSTCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 60
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Qy         1 LGKFSQTCYNSAIQGSVLTSTCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 60

Db        61 TQLAGSSELAAECKTRAQQFVSTKINLDDHIANIDGTLKYE 101
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Qy        61 TQLAGSSELAAECKTRAQQFVSTKINLDDHIANIDGTLKYE 101


RESULT  2
ID  US-08-970-179A-2         STANDARD;       PRT;       101 AA.
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AC  xxxxxx
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DT
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DE  Sequence 2, Application US/08970179A
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CC  Sequence 2, Application US/08970179A
CC  Patent No. 5962668
CC  GENERAL INFORMATION:
CC     APPLICANT: Boyd, Michael R.
CC     APPLICANT: Gustafson, Kirk R.
CC     APPLICANT: Shoemaker, Robert H.
CC     APPLICANT: McMahon, James B.
CC  TITLE OF INVENTION: ANTIVIRAL PROTEINS AND PEPTIDES, DNA
CC  TITLE OF INVENTION: CODING SEQUENCES THEREFOR, AND USES THEREOF
CC  NUMBER OF SEQUENCES: 4
CC  CORRESPONDENCE ADDRESS:
CC     ADDRESSEE: Leydig, Voit & Mayer, Ltd.
CC     STREET: Two Prudential Plaza, Suite 4900
CC     CITY: Chicago
CC     STATE: IL
CC     COUNTRY: U.S.A.
CC     ZIP: 60601-6780
CC  COMPUTER READABLE FORM:
CC     MEDIUM TYPE: Floppy disk
CC     COMPUTER: IBM PC compatible
CC     OPERATING SYSTEM: PC-DOS/MS-DOS
CC     SOFTWARE: PatentIn Release #1.0, Version #1.25
CC  CURRENT APPLICATION DATA:
CC     APPLICATION NUMBER: US/08/970,179A
CC     FILING DATE:
CC     CLASSIFICATION:
CC  PRIOR APPLICATION DATA:
CC     APPLICATION NUMBER: 08/638,610
CC     FILING DATE: 26-APR-1996
CC     APPLICATION NUMBER: US 08/429965
CC     FILING DATE: 27-APR-1995
CC  ATTORNEY/AGENT INFORMATION:
CC     NAME: Kilyk, John Jr.
CC     REGISTRATION NUMBER: 30763
CC     REFERENCE/DOCKET NUMBER: 61109
CC  TELECOMMUNICATION INFORMATION:
CC     TELEPHONE: (312)616-5600
CC     TELEFAX: (312)616-5700
XX
DT  INFORMATION FOR SEQ ID NO: 2:
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CC   SEQUENCE CHARACTERISTICS:
CC     LENGTH: 101 amino acids
CC     TYPE: amino acid
CC     TOPOLOGY: linear
CC    MOLECULE TYPE: protein
SQ   SEQUENCE  101 AA;  11013 MW;  49325 CN;

Query Match    100.0%;    Score 101;  DB 2; Length 101;
Best Local Similarity 100.0%;    Pred. No. 1.05e-142;
Matches  101; Conservative  0; Mismatches  0; Indels  0; Gaps  0;

Db   1 LGKFSQTCYNSAIQGSVLTSCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 60
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Qy   1 LGKFSQTCYNSAIQGSVLTSCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 60

Db  61 TQLAGSSELAAECKTRAQQFVSTKINLDDHIANIDGTLKYE 101
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Qy  61 TQLAGSSELAAECKTRAQQFVSTKINLDDHIANIDGTLKYE 101

RESULT  3
ID   US-08-638-610-2    STANDARD;    PRT;    101 AA.
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AC   xxxxxx
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DT
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DE   Sequence 2, Application US/08638610
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CC   Sequence 2, Application US/08638610
CC   Patent No. 5821081
CC   GENERAL INFORMATION:
CC    APPLICANT: Boyd, Michael R.
CC    APPLICANT: Gustafson, Kirk R.
CC    APPLICANT: Shoemaker, Robert H.
CC    APPLICANT: McMahon, James B.
CC    TITLE OF INVENTION: ANTIVIRAL PROTEINS AND PEPTIDES, DNA
CC    TITLE OF INVENTION: CODING SEQUENCES THEREFOR, AND USES THEREOF
CC    NUMBER OF SEQUENCES: 4
CC    CORRESPONDENCE ADDRESS:
CC     ADDRESSEE: Leydig, Voit & Mayer, Ltd.
CC     STREET: Two Prudential Plaza, Suite 4900
CC     CITY: Chicago
CC     STATE: IL
CC     COUNTRY: U.S.A.
CC     ZIP: 60601-6780
CC    COMPUTER READABLE FORM:
CC     MEDIUM TYPE: Floppy disk
CC     COMPUTER: IBM PC compatible
CC     OPERATING SYSTEM: PC-DOS/MS-DOS
CC     SOFTWARE: PatentIn Release #1.0, Version #1.25
CC    CURRENT APPLICATION DATA:
CC     APPLICATION NUMBER: US/08/638,610
CC     FILING DATE: 26-APR-1996
CC    CLASSIFICATION: 435
CC    PRIOR APPLICATION DATA:
CC     APPLICATION NUMBER: US 08/429965
CC     FILING DATE: 27-APR-1995
CC    CLASSIFICATION: 435
CC    ATTORNEY/AGENT INFORMATION:
CC     NAME: Kilyk, John Jr.
CC     REGISTRATION NUMBER: 30763
CC     REFERENCE/DOCKET NUMBER: 61109
CC    TELECOMMUNICATION INFORMATION:
CC     TELEPHONE: (312)616-5600
CC     TELEFAX: (312)616-5700
CC    INFORMATION FOR SEQ ID NO: 2:
CC    SEQUENCE CHARACTERISTICS:
CC     LENGTH: 101 amino acids
CC     TYPE: amino acid
CC     TOPOLOGY: linear
CC    MOLECULE TYPE: protein
SQ   SEQUENCE  101 AA;  11013 MW;  49325 CN;
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Query Match    100.0%;    Score 101;  DB 2; Length 101;
Best Local Similarity 100.0%;    Pred. No. 1.05e-142;
Matches  101; Conservative  0; Mismatches  0; Indels  0; Gaps  0;

Db   1 LGKFSQTCYNSAIQGSVLTSCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 60
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Db  61 TQLAGSSELAAECKTRAQQFVSTKINLDDHIANIDGTLKYE 101
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Qy  61 TQLAGSSELAAECKTRAQQFVSTKINLDDHIANIDGTLKYE 101

RESULT  4
ID   US-08-969-584-2    STANDARD;    PRT;    101 AA.
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AC   xxxxxx
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DT
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DE   Sequence 2, Application US/08969584
XX
CC   Sequence 2, Application US/08969584
CC   Patent No. 5962653
CC   GENERAL INFORMATION:
CC    APPLICANT: Boyd, Michael R.
CC    APPLICANT: Gustafson, Kirk R.
CC    APPLICANT: Shoemaker, Robert H.
CC    APPLICANT: McMahon, James B.
CC    TITLE OF INVENTION: ANTIVIRAL PROTEINS AND PEPTIDES, DNA
CC    TITLE OF INVENTION: CODING SEQUENCES THEREFOR, AND USES THEREOF
CC    NUMBER OF SEQUENCES: 4
CC    CORRESPONDENCE ADDRESS:
CC     ADDRESSEE: Leydig, Voit & Mayer, Ltd.
CC     STREET: Two Prudential Plaza, Suite 4900
CC     CITY: Chicago
CC     STATE: IL
CC     COUNTRY: U.S.A.
CC     ZIP: 60601-6780
CC    COMPUTER READABLE FORM:
CC     MEDIUM TYPE: Floppy disk
CC     COMPUTER: IBM PC compatible
CC     OPERATING SYSTEM: PC-DOS/MS-DOS
CC     SOFTWARE: PatentIn Release #1.0, Version #1.25
CC    CURRENT APPLICATION DATA:
CC     APPLICATION NUMBER: US/08/969,584
CC     FILING DATE:
CC    CLASSIFICATION:
CC    PRIOR APPLICATION DATA:
CC     APPLICATION NUMBER: 08/429,965
CC     FILING DATE: 27-APR-1995
CC    ATTORNEY/AGENT INFORMATION:
CC     NAME: Larcher, Carol
CC     REGISTRATION NUMBER: 35243
CC     REFERENCE/DOCKET NUMBER: 61037
CC    TELECOMMUNICATION INFORMATION:
CC     TELEPHONE: (312)616-5600
CC     TELEFAX: (312)616-5700
CC    INFORMATION FOR SEQ ID NO: 2:
CC    SEQUENCE CHARACTERISTICS:
CC     LENGTH: 101 amino acids
CC     TYPE: amino acid
CC     TOPOLOGY: linear
CC    MOLECULE TYPE: protein
SQ   SEQUENCE  101 AA;  11013 MW;  49325 CN;

Query Match    100.0%;    Score 101;  DB 2; Length 101;
Best Local Similarity 100.0%;    Pred. No. 1.05e-142;
Matches  101; Conservative  0; Mismatches  0; Indels  0; Gaps  0;

Db   1 LGKFSQTCYNSAIQGSVLTSCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 60
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Qy    1 LGKFSQTCYNSAIQGSVLTSCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 60
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Db   61 TQLAGSSELAAECKTRAQQFVSTKINLDDHIANIDGTLKYE 101
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Qy   61 TQLAGSSELAAECKTRAQQFVSTKINLDDHIANIDGTLKYE 101

RESULT 5
ID   US-08-969-249A-2      STANDARD;      PRT;    101 AA.
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AC   xxxxxx
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DE   Sequence 2, Application US/08969249A
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CC   Sequence 2, Application US/08969249A
CC   Patent No. 5998587
CC   GENERAL INFORMATION:
CC     APPLICANT: Boyd, Michael R.
CC     APPLICANT: Gustafson, Kirk R.
CC     APPLICANT: Shoemaker, Robert H.
CC     APPLICANT: McMahon, James B.
CC     TITLE OF INVENTION: ANTIVIRAL PROTEINS, DNA CODING
CC     TITLE OF INVENTION: SEQUENCES THEREFOR, AND USES THEREOF
CC     NUMBER OF SEQUENCES: 4
CC     CORRESPONDENCE ADDRESS:
CC       ADDRESSEE: Leydig, Voit & Mayer, Ltd.
CC       STREET: Two Prudential Plaza, Suite 4900
CC       CITY: Chicago
CC       STATE: IL
CC       COUNTRY: U.S.A.
CC       ZIP: 60601-6780
CC     COMPUTER READABLE FORM:
CC       MEDIUM TYPE: Floppy disk
CC       COMPUTER: IBM PC compatible
CC       OPERATING SYSTEM: PC-DOS/MS-DOS
CC       SOFTWARE: Patent In Release #1.0, Version #1.25
CC     CURRENT APPLICATION DATA:
CC       APPLICATION NUMBER: US/08/969,249A
CC       FILING DATE: 12-No. 5998587-1997
CC       CLASSIFICATION: 530
CC     PRIOR APPLICATION DATA:
CC       APPLICATION NUMBER: US 08/638610
CC       FILING DATE: 26-April-1996
CC     ATTORNEY/AGENT INFORMATION:
CC       NAME: Carol Larcher
CC       REGISTRATION NUMBER: 35,243
CC       REFERENCE/DOCKET NUMBER: 75825
CC     TELECOMMUNICATION INFORMATION:
CC       TELEPHONE: (312)616-5600
CC       TELEFAX: (312)616-5700
CC   INFORMATION FOR SEQ ID NO: 2:
CC     SEQUENCE CHARACTERISTICS:
CC       LENGTH: 101 amino acids
CC       TYPE: amino acid
CC       TOPOLOGY: linear
CC     MOLECULE TYPE: protein
SQ   SEQUENCE  101 AA; 11013 MW; 49325 CN;

Query Match     100.0%;   Score 101;   DB 2;   Length 101;
Best Local Similarity 100.0%;   Pred. No. 1.05e-142;
Matches  101;   Conservative  0;   Mismatches  0;   Indels  0;   Gaps  0;

Db    1 LGKFSQTCYNSAIQGSVLTSCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 60
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Qy    1 LGKFSQTCYNSAIQGSVLTSCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 60

Db   61 TQLAGSSELAAECKTRAQQFVSTKINLDDHIANIDGTLKYE 101
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Qy   61 TQLAGSSELAAECKTRAQQFVSTKINLDDHIANIDGTLKYE 101


RESULT 6
ID   US-08-429-965-2       STANDARD;      PRT;    101 AA.
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AC   xxxxxx
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DT
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DE   Sequence 2, Application US/08429965
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CC   Sequence 2, Application US/08429965
CC   Patent No. 5843882
CC   GENERAL INFORMATION:
CC     APPLICANT: Boyd, Michael R.
CC     APPLICANT: Gustafson, Kirk R.
CC     APPLICANT: Shoemaker, Robert H.
CC     APPLICANT: McMahon, James B.
CC     TITLE OF INVENTION: ANTIVIRAL PROTEINS AND PEPTIDES, DNA
CC     TITLE OF INVENTION: CODING SEQUENCES THEREFOR, AND USES THEREOF
CC     NUMBER OF SEQUENCES: 4
CC     CORRESPONDENCE ADDRESS:
CC       ADDRESSEE: Leydig, Voit & Mayer, Ltd.
CC       STREET: Two Prudential Plaza, Suite 4900
CC       CITY: Chicago
CC       STATE: IL
CC       COUNTRY: U.S.A.
CC       ZIP: 60601-6780
CC     COMPUTER READABLE FORM:
CC       MEDIUM TYPE: Floppy disk
CC       COMPUTER: IBM PC compatible
CC       OPERATING SYSTEM: PC-DOS/MS-DOS
CC       SOFTWARE: PatentIn Release #1.0, Version #1.25
CC     CURRENT APPLICATION DATA:
CC       APPLICATION NUMBER: US/08/429,965
CC       FILING DATE: 27-APR-1995
CC       CLASSIFICATION: 514
CC     ATTORNEY/AGENT INFORMATION:
CC       NAME: Larcher, Carol
CC       REGISTRATION NUMBER: 35243
CC       REFERENCE/DOCKET NUMBER: 61037
CC     TELECOMMUNICATION INFORMATION:
CC       TELEPHONE: (312)616-5600
CC       TELEFAX: (312)616-5700
CC   INFORMATION FOR SEQ ID NO: 2:
CC     SEQUENCE CHARACTERISTICS:
CC       LENGTH: 101 amino acids
CC       TYPE: amino acid
CC       TOPOLOGY: linear
CC     MOLECULE TYPE: protein
SQ   SEQUENCE  101 AA; 11013 MW; 49325 CN;

Query Match     100.0%;   Score 101;   DB 2;   Length 101;
Best Local Similarity 100.0%;   Pred. No. 1.05e-142;
Matches  101;   Conservative  0;   Mismatches  0;   Indels  0;   Gaps  0;

Db    1 LGKFSQTCYNSAIQGSVLTSCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 60
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Qy    1 LGKFSQTCYNSAIQGSVLTSCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 60

Db   61 TQLAGSSELAAECKTRAQQFVSTKINLDDHIANIDGTLKYE 101
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Qy   61 TQLAGSSELAAECKTRAQQFVSTKINLDDHIANIDGTLKYE 101


RESULT 7
ID   US-08-969-378-4       STANDARD;      PRT;    109 AA.
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AC   xxxxxx
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DT
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DE   Sequence 4, Application US/08969378
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CC   Sequence 4, Application US/08969378
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CC    Patent No 6015876
CC    GENERAL INFORMATION:
CC       APPLICANT: Boyd, Michael R.
CC       APPLICANT: Gustafson, Kirk R.
CC       APPLICANT: Shoemaker, Robert H.
CC       APPLICANT: McMahon, James B.
CC       TITLE OF INVENTION: ANTIVIRAL PROTEINS AND PEPTIDES, DNA
CC          CODING SEQUENCES THEREFOR, AND USES THEREOF
CC       NUMBER OF SEQUENCES: 4
CC       CORRESPONDENCE ADDRESS:
CC          ADDRESSEE: Leydig, Voit & Mayer, Ltd.
CC          STREET: Two Prudential Plaza, Suite 4900
CC          CITY: Chicago
CC          STATE: IL
CC          COUNTRY: U.S.A.
CC          ZIP: 60601-6780
CC       COMPUTER READABLE FORM:
CC          MEDIUM TYPE: Floppy disk
CC          COMPUTER: IBM PC compatible
CC          OPERATING SYSTEM: PC-DOS/MS-DOS
CC          SOFTWARE: PatentIn Release #1.0, Version #1.25
CC       CURRENT APPLICATION DATA:
CC          APPLICATION NUMBER: US/08/969,378
CC          FILING DATE:
CC          CLASSIFICATION:
CC       PRIOR APPLICATION DATA:
CC          APPLICATION NUMBER: 08/429,965
CC          FILING DATE: 27-APR-1995
CC       ATTORNEY/AGENT INFORMATION:
CC          NAME: Larcher, Carol
CC          REGISTRATION NUMBER: 35243
CC          REFERENCE/DOCKET NUMBER: 61037
CC       TELECOMMUNICATION INFORMATION:
CC          TELEPHONE: (312)616-5600
CC          TELEFAX: (312)616-5700
CC    INFORMATION FOR SEQ ID NO: 4:
CC       SEQUENCE CHARACTERISTICS:
CC          LENGTH: 109 amino acids
CC          TYPE: amino acid
CC          TOPOLOGY: linear
CC       MOLECULE TYPE: protein
SQ    SEQUENCE 109 AA; 12008 MW; 57699 CN;

Query Match          100.0%;  Score 101;  DB 3;  Length 109;
Best Local Similarity 100.0%;  Pred. No. 1.05e-142;
Matches  101;  Conservative   0;  Mismatches   0;  Indels   0;  Gaps   0;

Db    9 LGKFSQTCYNSAIQGSVLTSTCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 68
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Qy    1 LGKFSQTCYNSAIQGSVLTSTCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 60

Db   69 TQLAGSSELAAECKTRAQQFVSTKINLDDHIANIDGTLKYE 109
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Qy   61 TQLAGSSELAAECKTRAQQFVSTKINLDDHIANIDGTLKYE 101

RESULT  8
ID    US-08-970-179A-4         STANDARD;        PRT;        109 AA.
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AC    xxxxxx
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DT
XX
DE    Sequence 4, Application US/08970179A
XX
CC    Sequence 4, Application US/08970179A
CC    Patent No 5962668
CC    GENERAL INFORMATION:
CC       APPLICANT: Boyd, Michael R.
CC       APPLICANT: Gustafson, Kirk R.
CC       APPLICANT: Shoemaker, Robert H.
CC       APPLICANT: McMahon, James B.
CC       TITLE OF INVENTION: ANTIVIRAL PROTEINS AND PEPTIDES, DNA
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CC       TITLE OF INVENTION: CODING SEQUENCES THEREFOR, AND USES THEREOF
CC       NUMBER OF SEQUENCES: 4
CC       CORRESPONDENCE ADDRESS:
CC          ADDRESSEE: Leydig, Voit & Mayer, Ltd.
CC          STREET: Two Prudential Plaza, Suite 4900
CC          CITY: Chicago
CC          STATE: IL
CC          COUNTRY: U.S.A.
CC          ZIP: 60601-6780
CC       COMPUTER READABLE FORM:
CC          MEDIUM TYPE: Floppy disk
CC          COMPUTER: IBM PC compatible
CC          OPERATING SYSTEM: PC-DOS/MS-DOS
CC          SOFTWARE: PatentIn Release #1.0, Version #1.25
CC       CURRENT APPLICATION DATA:
CC          APPLICATION NUMBER: US/08/970,179A
CC          FILING DATE:
CC          CLASSIFICATION:
CC       PRIOR APPLICATION DATA:
CC          APPLICATION NUMBER: 08/638,610
CC          FILING DATE: 26-APR-1996
CC          APPLICATION NUMBER: US 08/429965
CC          FILING DATE: 27-APR-1995
CC       ATTORNEY/AGENT INFORMATION:
CC          NAME: Kilyk, John Jr.
CC          REGISTRATION NUMBER: 30763
CC          REFERENCE/DOCKET NUMBER: 61109
CC       TELECOMMUNICATION INFORMATION:
CC          TELEPHONE: (312)616-5600
CC          TELEFAX: (312)616-5700
CC    INFORMATION FOR SEQ ID NO: 4:
CC       SEQUENCE CHARACTERISTICS:
CC          LENGTH: 109 amino acids
CC          TYPE: amino acid
CC          TOPOLOGY: linear
CC       MOLECULE TYPE: protein
SQ    SEQUENCE 109 AA; 12008 MW; 57699 CN;

Query Match          100.0%;  Score 101;  DB 2;  Length 109;
Best Local Similarity 100.0%;  Pred. No. 1.05e-142;
Matches  101;  Conservative   0;  Mismatches   0;  Indels   0;  Gaps   0;

Db    9 LGKFSQTCYNSAIQGSVLTSTCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 68
         |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Qy    1 LGKFSQTCYNSAIQGSVLTSTCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 60

Db   69 TQLAGSSELAAECKTRAQQFVSTKINLDDHIANIDGTLKYE 109
         ||||||||||||||||||||||||||||||||||||||||
Qy   61 TQLAGSSELAAECKTRAQQFVSTKINLDDHIANIDGTLKYE 101

RESULT  9
ID    US-08-638-610-4         STANDARD;        PRT;        109 AA.
XX
AC    xxxxxx
XX
DT
XX
DE    Sequence 4, Application US/08638610
XX
CC    Sequence 4, Application US/08638610
CC    Patent No 5821081
CC    GENERAL INFORMATION:
CC       APPLICANT: Boyd, Michael R.
CC       APPLICANT: Gustafson, Kirk R.
CC       APPLICANT: Shoemaker, Robert H.
CC       APPLICANT: McMahon, James B.
CC       TITLE OF INVENTION: ANTIVIRAL PROTEINS AND PEPTIDES, DNA
CC       TITLE OF INVENTION: CODING SEQUENCES THEREFOR, AND USES THEREOF
CC       NUMBER OF SEQUENCES: 4
CC       CORRESPONDENCE ADDRESS:
CC          ADDRESSEE: Leydig, Voit & Mayer, Ltd.
CC          STREET: Two Prudential Plaza, Suite 4900
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Left column:

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CC      CITY:  Chicago
CC      STATE:  IL
CC      COUNTRY:  U.S.A.
CC      ZIP:  60601-6780
CC    COMPUTER READABLE FORM:
CC      MEDIUM TYPE:  Floppy disk
CC      COMPUTER:  IBM PC compatible
CC      OPERATING SYSTEM:  PC-DOS/MS-DOS
CC      SOFTWARE:  PatentIn Release #1.0, Version #1.25
CC    CURRENT APPLICATION DATA:
CC      APPLICATION NUMBER:  US/08/638,610
CC      FILING DATE:  26-APR-1996
CC      CLASSIFICATION:  435
CC    PRIOR APPLICATION DATA:
CC      APPLICATION NUMBER:  US 08/429965
CC      FILING DATE:  27-APR-1995
CC      CLASSIFICATION:  435
CC    ATTORNEY/AGENT INFORMATION:
CC      NAME:  Kilyk, John Jr.
CC      REGISTRATION NUMBER:  30763
CC      REFERENCE/DOCKET NUMBER:  61109
CC    TELECOMMUNICATION INFORMATION:
CC      TELEPHONE:  (312)616-5600
CC      TELEFAX:  (312)616-5700
CC  INFORMATION FOR SEQ ID NO:  4:
CC    SEQUENCE CHARACTERISTICS:
CC      LENGTH:  109 amino acids
CC      TYPE:  amino acid
CC      TOPOLOGY:  linear
CC    MOLECULE TYPE:  protein
SQ    SEQUENCE  109 AA;  12008 MW;  57699 CN;

Query Match     100.0%;   Score 101;  DB 2;  Length 109;
Best Local Similarity 100.0%;  Pred. No. 1.05e-142;
Matches  101;  Conservative   0;  Mismatches   0;  Indels   0;  Gaps   0;

Db    9 LGKFSQTCYNSAIQGSVLTSTCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 68
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Qy    1 LGKFSQTCYNSAIQGSVLTSTCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 60

Db   69 TQLAGSSELAAECKTRAQQFVSTKINLDDHIANIDGTLKYE 109
        ||||||||||||||||||||||||||||||||||||||||
Qy   61 TQLAGSSELAAECKTRAQQFVSTKINLDDHIANIDGTLKYE 101

RESULT  10
ID  US-08-969-584-4      STANDARD;   PRT;   109 AA.
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AC  xxxxxx
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DE  Sequence 4, Application US/08969584
XX
CC    Sequence 4, Application US/08969584
CC    Patent No. 5962653
CC    GENERAL INFORMATION:
CC      APPLICANT:  Boyd, Michael R.
CC      APPLICANT:  Gustafson, Kirk R.
CC      APPLICANT:  Shoemaker, Robert H.
CC      APPLICANT:  McMahon, James B.
CC      TITLE OF INVENTION:  ANTIVIRAL PROTEINS AND PEPTIDES, DNA
CC      TITLE OF INVENTION:  CODING SEQUENCES THEREFOR, AND USES THEREOF
CC      NUMBER OF SEQUENCES:  4
CC    CORRESPONDENCE ADDRESS:
CC      ADDRESSEE:  Leydig, Volt & Mayer, Ltd.
CC      STREET:  Two Prudential Plaza, Suite 4900
CC      CITY:  Chicago
CC      STATE:  IL
CC      COUNTRY:  U.S.A.
CC      ZIP:  60601-6780
CC    COMPUTER READABLE FORM:
CC      MEDIUM TYPE:  Floppy disk
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Right column:

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CC      COMPUTER:  IBM PC compatible
CC      OPERATING SYSTEM:  PC-DOS/MS-DOS
CC      SOFTWARE:  PatentIn Release #1.0, Version #1.25
CC    CURRENT APPLICATION DATA:
CC      APPLICATION NUMBER:  US/08/969,584
CC      FILING DATE:
CC      CLASSIFICATION:
CC    PRIOR APPLICATION DATA:
CC      APPLICATION NUMBER:  08/429,965
CC      FILING DATE:  27-APR-1995
CC    ATTORNEY/AGENT INFORMATION:
CC      NAME:  Larcher, Carol
CC      REGISTRATION NUMBER:  35243
CC      REFERENCE/DOCKET NUMBER:  61037
CC    TELECOMMUNICATION INFORMATION:
CC      TELEPHONE:  (312)616-5600
CC      TELEFAX:  (312)616-5700
CC  INFORMATION FOR SEQ ID NO:  4:
CC    SEQUENCE CHARACTERISTICS:
CC      LENGTH:  109 amino acids
CC      TYPE:  amino acid
CC      TOPOLOGY:  linear
CC    MOLECULE TYPE:  protein
SQ    SEQUENCE  109 AA;  12008 MW;  57699 CN;

Query Match     100.0%;   Score 101;  DB 2;  Length 109;
Best Local Similarity 100.0%;  Pred. No. 1.05e-142;
Matches  101;  Conservative   0;  Mismatches   0;  Indels   0;  Gaps   0;

Db    9 LGKFSQTCYNSAIQGSVLTSTCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 68
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Qy    1 LGKFSQTCYNSAIQGSVLTSTCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 60

Db   69 TQLAGSSELAAECKTRAQQFVSTKINLDDHIANIDGTLKYE 109
        ||||||||||||||||||||||||||||||||||||||||
Qy   61 TQLAGSSELAAECKTRAQQFVSTKINLDDHIANIDGTLKYE 101

RESULT  11
ID  US-08-969-249A-4      STANDARD;   PRT;   109 AA.
AC  xxxxxx
XX
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DE  Sequence 4, Application US/08969249A
XX
CC    Sequence 4, Application US/08969249A
CC    Patent No. 5998587
CC    GENERAL INFORMATION:
CC      APPLICANT:  Boyd, Michael R.
CC      APPLICANT:  Gustafson, Kirk R.
CC      APPLICANT:  Shoemaker, Robert H.
CC      APPLICANT:  McMahon, James B.
CC      TITLE OF INVENTION:  ANTIVIRAL PROTEINS, DNA CODING
CC      TITLE OF INVENTION:  SEQUENCES THEREFOR, AND USES THEREOF
CC      NUMBER OF SEQUENCES:  4
CC    CORRESPONDENCE ADDRESS:
CC      ADDRESSEE:  Leydig, Volt & Mayer, Ltd.
CC      STREET:  Two Prudential Plaza, Suite 4900
CC      CITY:  Chicago
CC      STATE:  IL
CC      COUNTRY:  U.S.A.
CC      ZIP:  60601-6780
CC    COMPUTER READABLE FORM:
CC      MEDIUM TYPE:  Floppy disk
CC      COMPUTER:  IBM PC compatible
CC      OPERATING SYSTEM:  PC-DOS/MS-DOS
CC      SOFTWARE:  Patent In Release #1.0, Version #1.25
CC    CURRENT APPLICATION DATA:
CC      APPLICATION NUMBER:  US/08/969,249A
CC      FILING DATE:  12-No. 5998587-1997
CC      CLASSIFICATION:  530
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CC   PRIOR APPLICATION DATA:
CC     APPLICATION NUMBER: US 08/638610
CC     FILING DATE: 26-April-1996
CC   ATTORNEY/AGENT INFORMATION:
CC     NAME: Carol Larcher
CC     REGISTRATION NUMBER: 35,243
CC     REFERENCE/DOCKET NUMBER: 75825
CC   TELECOMMUNICATION INFORMATION:
CC     TELEPHONE: (312)616-5600
CC     TELEFAX: (312)616-5700
CC   INFORMATION FOR SEQ ID NO: 4:
CC   SEQUENCE CHARACTERISTICS:
CC     LENGTH: 109 amino acids
CC     TYPE: amino acid
CC     TOPOLOGY: linear
CC     MOLECULE TYPE: protein
SQ   SEQUENCE    109 AA;  12008 MW;  57699 CN;

Query Match             100.0%;  Score 101;  DB 2;  Length 109;
Best Local Similarity 100.0%;  Pred. No. 1.05e-142;
  ches   101;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Db          9 LGKFSQTCYNSAIQGSVLTSTCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 68
              |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Qy          1 LGKFSQTCYNSAIQGSVLTSTCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 60

Db         69 TQLAGSSELAAECKTRAQQFVSTKINLDDHIANIDGTLKYE 109
              ||||||||||||||||||||||||||||||||||||||||
Qy         61 TQLAGSSELAAECKTRAQQFVSTKINLDDHIANIDGTLKYE 101

RESULT  12
ID   US-08-429-965-4   STANDARD;   PRT;   109 AA.
XX
AC   xxxxxx
XX
DT
XX
DE   Sequence 4, Application US/08429965
CC   Sequence 4, Application US/08429965
CC   Patent No. 5843882
CC   GENERAL INFORMATION:
CC     APPLICANT: Boyd, Michael R.
CC     APPLICANT: Gustafson, Kirk R.
CC     APPLICANT: Shoemaker, Robert H.
CC     APPLICANT: McMahon, James B.
CC   TITLE OF INVENTION: ANTIVIRAL PROTEINS AND PEPTIDES, DNA
CC   TITLE OF INVENTION: CODING SEQUENCES THEREFOR, AND USES THEREOF
CC   NUMBER OF SEQUENCES: 4
CC   CORRESPONDENCE ADDRESS:
CC     ADDRESSEE: Leydig, Voit & Mayer, Ltd.
CC     STREET: Two Prudential Plaza, Suite 4900
CC     CITY: Chicago
CC     STATE: IL
CC     COUNTRY: U.S.A.
CC     ZIP: 60601-6780
CC   COMPUTER READABLE FORM:
CC     MEDIUM TYPE: Floppy disk
CC     COMPUTER: IBM PC compatible
CC     OPERATING SYSTEM: PC-DOS/MS-DOS
CC     SOFTWARE: PatentIn Release #1.0, Version #1.25
CC   CURRENT APPLICATION DATA:
CC     APPLICATION NUMBER: US/08/429,965
CC     FILING DATE: 27-APR-1995
CC     CLASSIFICATION: 514
CC   ATTORNEY/AGENT INFORMATION:
CC     NAME: Larcher, Carol
CC     REGISTRATION NUMBER: 35243
CC     REFERENCE/DOCKET NUMBER: 61037
CC   TELECOMMUNICATION INFORMATION:
CC     TELEPHONE: (312)616-5600
CC     TELEFAX: (312)616-5700
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CC   INFORMATION FOR SEQ ID NO: 4:
CC   SEQUENCE CHARACTERISTICS:
CC     LENGTH: 109 amino acids
CC     TYPE: amino acid
CC     TOPOLOGY: linear
CC     MOLECULE TYPE: protein
SQ   SEQUENCE    109 AA;  12008 MW;  57699 CN;

Query Match             100.0%;  Score 101;  DB 2;  Length 109;
Best Local Similarity 100.0%;  Pred. No. 1.05e-142;
Matches   101;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Db          9 LGKFSQTCYNSAIQGSVLTSTCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 68
              |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Qy          1 LGKFSQTCYNSAIQGSVLTSTCERTNGGYNTSSIDLNSVIENVDGSLKWQPSNFIETCRN 60

Db         69 TQLAGSSELAAECKTRAQQFVSTKINLDDHIANIDGTLKYE 109
              ||||||||||||||||||||||||||||||||||||||||
Qy         61 TQLAGSSELAAECKTRAQQFVSTKINLDDHIANIDGTLKYE 101

RESULT  13
ID   US-08-353-476-68   STANDARD;   PRT;   299 AA.
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AC   xxxxxx
XX
DT
XX
DE
XX
CC   Sequence 68, Application US/08353476
CC   Patent No. 5871902
CC   GENERAL INFORMATION:
CC     APPLICANT: Weininger, Susan
CC     APPLICANT: Weininger, Arthur M
CC   TITLE OF INVENTION: METHOD OF DETECTION OF DNA WITH A
CC   TITLE OF INVENTION: SPECIFIC SEQUENCE COMPOSITION
CC   NUMBER OF SEQUENCES: 117
CC   CORRESPONDENCE ADDRESS:
CC     ADDRESSEE: Saliwanchik & Saliwanchik
CC     STREET: 2421 N.W. 41st St., Suite A-1
CC     CITY: Gainesville
CC     STATE: Florida
CC     COUNTRY: USA
CC     ZIP: 32606
CC   COMPUTER READABLE FORM:
CC     MEDIUM TYPE: Floppy disk
CC     COMPUTER: IBM PC compatible
CC     OPERATING SYSTEM: PC-DOS/MS-DOS
CC     SOFTWARE: PatentIn Release #1.0, Version #1.25
CC   CURRENT APPLICATION DATA:
CC     APPLICATION NUMBER: US/08/353,476
CC     FILING DATE:
CC     CLASSIFICATION: 435
CC   ATTORNEY/AGENT INFORMATION:
CC     NAME: Bencen, Gerard H
CC     REGISTRATION NUMBER: 35,746
CC     REFERENCE/DOCKET NUMBER: GP-100
CC   TELECOMMUNICATION INFORMATION:
CC     TELEPHONE: (904) 375-8100
CC     TELEFAX: (904) 372-5800
CC   INFORMATION FOR SEQ ID NO: 68:
CC   SEQUENCE CHARACTERISTICS:
CC     LENGTH: 299 amino acids
CC     TYPE: amino acid
CC     TOPOLOGY: linear
CC     MOLECULE TYPE: peptide
CC     HYPOTHETICAL: NO
CC     ANTI-SENSE: NO
CC     FRAGMENT TYPE: internal
SQ   SEQUENCE    299 AA;  33278 MW;  480587 CN;

Query Match               7.9%;  Score 8;  DB 2;  Length 299;
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Best Local Similarity 100.0%;  Pred. No. 2.45e-01;  Indels  0;  Gaps  0;
Matches  8;  Conservative  0;  Mismatches  0;

Db   181 SSIDLNSV 188
         ||||||||
Qy    32 SSIDLNSV 39

RESULT 14
ID   US-08-804-953-2      STANDARD;      PRT;    102 AA.
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AC   xxxxxx
XX
DT
XX
DE
XX
CC   Sequence 2, Application US/08804953
CC
CC   Sequence 2, Application US/08804953
CC   Patent NO. 5968778
CC   GENERAL INFORMATION:
CC      APPLICANT: Hoppe, Jurgen
CC      APPLICANT: Welch, Herbert
CC      TITLE OF INVENTION: PDGF-A, PDGF-AA, PDGF-AB,
CC      TITLE OF INVENTION: PREPARATION PROCESS AND
CC      TITLE OF INVENTION: PHARMACEUTICALS CONTAINING
CC      TITLE OF INVENTION: THEM
CC      NUMBER OF SEQUENCES: 3
CC      CORRESPONDENCE ADDRESS:
CC         ADDRESSEE: Joseph T. Eisele
CC         ADDRESSEE: Kane, Dalsimer, Sullivan, Kurucz,
CC         ADDRESSEE: Levy, Eisele and Richard
CC         STREET: 711 Third Avenue
CC         CITY: New York
CC         STATE: New York
CC         COUNTRY: U.S.A.
CC         ZIP: 10017-4059
CC      COMPUTER READABLE FORM:
CC         MEDIUM TYPE: 3-1/2" DISKETTE
CC         COMPUTER: IBM-XT COMPATIBLE
CC         OPERATING SYSTEM: DOS 3.3:
CC         SOFTWARE: WORDPERFECT 5.0
CC      CURRENT APPLICATION DATA:
CC         APPLICATION NUMBER: US/08/804,953
CC         FILING DATE: 24-FEB-1997
CC         CLASSIFICATION: 257
CC      PRIOR APPLICATION DATA:
CC         APPLICATION NUMBER: 07/720,771
CC         FILING DATE: 08/07/91
CC         APPLICATION NUMBER: PCT/EP90/00063
CC         FILING DATE: 01/11/90
CC      ATTORNEY/AGENT INFORMATION:
CC         NAME: EISELE, JOSEPH T.
CC         REGISTRATION NUMBER: 25,331
CC      REFERENCE/DOCKET NUMBER: 2727-56 PCT
CC      TELECOMMUNICATION INFORMATION:
CC         TELEPHONE: (212) 687-6000
CC         TELEFAX: (212) 682-3485
CC         TELEX: (212) 426767
CC   INFORMATION FOR SEQ ID NO: 2:
CC      SEQUENCE CHARACTERISTICS:
CC         LENGTH: 102 residues
CC         TYPE: amino acid
CC         STRANDEDNESS: N/A
CC         TOPOLOGY: linear
CC      MOLECULE TYPE: Protein
CC      HYPOTHETICAL: Yes
CC      ANTI-SENSE: No
CC      FRAGMENT TYPE:
CC      ORIGINAL SOURCE:
CC         ORGANISM:
CC         STRAIN: E. Coli
CC         INDIVIDUAL ISOLATE:
CC         DEVELOPMENTAL STAGE:
CC      HAPLOTYPE:
CC      TISSUE TYPE:
CC      CELL TYPE:
CC      CELL LINE:
CC      ORGANELLE:
CC      IMMEDIATE SOURCE:
CC         CLONE: PDGF-A
CC      FEATURE:
CC      OTHER INFORMATION:
SQ   SEQUENCE  102 AA; 11691 MW; 51884 CN;

Query Match             5.9%;  Score  6;  DB 2;  Length 102;
Best Local Similarity 100.0%;  Pred. No. 5.04e+01;
Matches  6;  Conservative  0;  Mismatches  0;  Indels  0;  Gaps  0;

Db    2 AECKTR 7
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Qy   71 AECKTR 76

RESULT 15
ID   5498600-3       STANDARD;       PRT;      109 AA.
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AC   xxxxxx
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DT
XX
DE   Patent No. 5498600
XX
CC   Patent No. 5498600
CC      APPLICANT: MURRAY, MARK J.;KELLY, JAMES D.
CC      TITLE OF INVENTION: BIOLOGICALLY ACTIVE MOSAIC PROTEINS
CC      NUMBER OF SEQUENCES: 34
CC      CURRENT APPLICATION DATA:
CC         APPLICATION NUMBER: US/08/319,776
CC         FILING DATE: 07-OCT-1994
CC      PRIOR APPLICATION DATA:
CC         APPLICATION NUMBER: 926,149
CC         FILING DATE: 05-AUG-1992
CC         APPLICATION NUMBER: 379,239
CC         FILING DATE: 11-JUL-1989
CC         APPLICATION NUMBER: 941,970
CC         FILING DATE: 15-DEC-1986
CC         APPLICATION NUMBER: 896,485
CC         FILING DATE: 3-AUG-1986
CC         APPLICATION NUMBER: 705,175
CC         FILING DATE: 25-FEB-1985
CC         APPLICATION NUMBER: 660,496
CC         FILING DATE: 12-OCT-1984
CC   SEQ ID NO:3:
CC      LENGTH: 109
SQ   SEQUENCE  109 AA; 12294 MW; 59268 CN;

Query Match             5.9%;  Score  6;  DB 5;  Length 109;
Best Local Similarity 100.0%;  Pred. No. 5.04e+01;
Matches  6;  Conservative  0;  Mismatches  0;  Indels  0;  Gaps  0;

Db   14 AECKTR 19
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Qy   71 AECKTR 76

RESULT 16
ID   US-08-094-079-2       STANDARD;       PRT;      109 AA.
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AC   xxxxxx
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DT
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DE   Sequence 2, Application US/08094079
XX
CC   Sequence 2, Application US/08094079
CC   Patent No. 5512545
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CC   GENERAL INFORMATION:
CC     APPLICANT: COOK, Anne L
CC     APPLICANT: CRAIG, Stewart
CC     APPLICANT: CLEMENTS, John M
CC     APPLICANT: EDWARDS, Richard M
CC     APPLICANT: BROWN, David
CC     TITLE OF INVENTION: PDGF-B ANALOGUES
CC     NUMBER OF SEQUENCES: 22
CC     CORRESPONDENCE ADDRESS:
CC       ADDRESSEE: Allegretti & Witcoff, Ltd.
CC       STREET: 10 S. Wacker Dr.
CC       CITY: Chicago
CC       STATE: Illinois
CC       COUNTRY: USA
CC       ZIP: 60606
CC     COMPUTER READABLE FORM:
CC       MEDIUM TYPE: Floppy disk
CC       COMPUTER: IBM PC compatible
CC       OPERATING SYSTEM: PC-DOS/MS-DOS
CC       SOFTWARE: PatentIn Release #1.0, Version #1.25
CC     CURRENT APPLICATION DATA:
CC       APPLICATION NUMBER: US/08/094,079
CC       FILING DATE: 24-JAN-1992
CC       CLASSIFICATION: 435
CC     PRIOR APPLICATION DATA:
CC       APPLICATION NUMBER: WO PCT/GB92/00141
CC       FILING DATE: 24-JAN-1992
CC     PRIOR APPLICATION DATA:
CC       APPLICATION NUMBER: GB 9101645.1
CC       FILING DATE: 24-JAN-1991
CC     ATTORNEY/AGENT INFORMATION:
CC       NAME: McDonnell, John J
CC       REGISTRATION NUMBER: 26,949
CC       REFERENCE/DOCKET NUMBER: 93,640
CC     TELECOMMUNICATION INFORMATION:
CC       TELEPHONE: 312-715-1000
CC       TELEFAX: 312-715-1234
CC     INFORMATION FOR SEQ ID NO: 2:
CC     SEQUENCE CHARACTERISTICS:
CC       LENGTH: 109 amino acids
CC       TYPE: amino acid
CC       STRANDEDNESS: single
CC       TOPOLOGY: linear
CC     MOLECULE TYPE: protein
CC     FEATURE:
CC       NAME/KEY: Protein
CC       LOCATION: 1..109
CC       OTHER INFORMATION: /note= "Truncated PDGF-B (PDGF-Bt)"
SQ   SEQUENCE 109 AA; 12294 MW; 59268 CN;

Query Match        5.9%;  Score 6;  DB 1;  Length 109;
Best Local Similarity 100.0%;  Pred. No. 5.04e+01;  Indels 0;  Gaps 0;
Matches       6;  Conservative  0;  Mismatches  0;

Db   14 AECKTR 19
        ||||||
Qy   71 AECKTR 76

RESULT 17
ID US-08-691-794-4        STANDARD;      PRT;      109 AA.
XX
AC xxxxxx
XX
DT
XX
DE Sequence 4, Application US/08691794
XX
CC Sequence 4, Application US/08691794
CC Patent No. 6057428
CC GENERAL INFORMATION:
CC     APPLICANT: Keyt, Bruce A.
CC     APPLICANT: Nguyen, Francis H.
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CC     APPLICANT: Ferrara, Napoleone
CC     APPLICANT: Cunningham, Brian C.
CC     APPLICANT: Wells, James A.
CC     APPLICANT: Li, Bing
CC     TITLE OF INVENTION: Variants of Vascular Endothelial Cell
CC     TITLE OF INVENTION: Growth Factor, Their Uses, and Processes for their
CC     TITLE OF INVENTION: Production
CC     NUMBER OF SEQUENCES: 45
CC     CORRESPONDENCE ADDRESS:
CC       ADDRESSEE: Flehr, Hohbach, Test, Albritton & Herbert
CC       STREET: Four Embarcadero Center, Suite 3400
CC       CITY: San Francisco
CC       STATE: California
CC       COUNTRY: United States
CC       ZIP: 94111-4187
CC     COMPUTER READABLE FORM:
CC       MEDIUM TYPE: Floppy disk
CC       COMPUTER: IBM PC compatible
CC       OPERATING SYSTEM: PC-DOS/MS-DOS
CC       SOFTWARE: PatentIn Release #1.0, Version #1.30
CC     CURRENT APPLICATION DATA:
CC       APPLICATION NUMBER: US/08/691,794
CC       FILING DATE: 02-AUG-1996
CC       CLASSIFICATION: 435
CC     PRIOR APPLICATION DATA:
CC       APPLICATION NUMBER: US 60/002,827
CC       FILING DATE: 25-AUG-1995
CC     PRIOR APPLICATION DATA:
CC       APPLICATION NUMBER: US 08/567,200
CC       FILING DATE: 05-DEC-1995
CC     ATTORNEY/AGENT INFORMATION:
CC       NAME: Dreger, Walter H.
CC       REGISTRATION NUMBER: 24,190
CC       REFERENCE/DOCKET NUMBER: A-63758/WHD
CC     TELECOMMUNICATION INFORMATION:
CC       TELEPHONE: (415) 781-1989
CC       TELEFAX: (415) 398-3249
CC       TELEX: 910 277299
CC     INFORMATION FOR SEQ ID NO: 4:
CC     SEQUENCE CHARACTERISTICS:
CC       LENGTH: 109 amino acids
CC       TYPE: amino acid
CC       STRANDEDNESS: unknown
CC       TOPOLOGY: unknown
CC     MOLECULE TYPE: protein
SQ   SEQUENCE 109 AA; 12294 MW; 59268 CN;

Query Match        5.9%;  Score 6;  DB 3;  Length 109;
Best Local Similarity 100.0%;  Pred. No. 5.04e+01;  Indels 0;  Gaps 0;
Matches       6;  Conservative  0;  Mismatches  0;

Db   14 AECKTR 19
        ||||||
Qy   71 AECKTR 76

RESULT 18
ID US-08-094-079-5        STANDARD;      PRT;      109 AA.
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AC xxxxxx
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DT
XX
DE Sequence 5, Application US/08094079
XX
CC Sequence 5, Application US/08094079
CC Patent No. 5512545
CC GENERAL INFORMATION:
CC     APPLICANT: COOK, Anne L
CC     APPLICANT: CRAIG, Stewart
CC     APPLICANT: CLEMENTS, John M
CC     APPLICANT: EDWARDS, Richard M
CC     APPLICANT: BROWN, David
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CC   TITLE OF INVENTION: PDGF-B ANALOGUES
CC   NUMBER OF SEQUENCES: 22
CC   CORRESPONDENCE ADDRESS:
CC     ADDRESSEE: Allegretti & Witcoff, Ltd.
CC     STREET: 10 S. Wacker Dr.
CC     CITY: Chicago
CC     STATE: Illinois
CC     COUNTRY: USA
CC     ZIP: 60606
CC   COMPUTER READABLE FORM:
CC     MEDIUM TYPE: Floppy disk
CC     COMPUTER: IBM PC compatible
CC     OPERATING SYSTEM: PC-DOS/MS-DOS
CC     SOFTWARE: PatentIn Release #1.0, Version #1.25
CC   CURRENT APPLICATION DATA:
CC     APPLICATION NUMBER: US/08/094,079
CC     FILING DATE: 24-JAN-1992
CC     CLASSIFICATION: 435
CC   PRIOR APPLICATION DATA:
CC     APPLICATION NUMBER: WO PCT/GB92/00141
CC     FILING DATE: 24-JAN-1992
CC   PRIOR APPLICATION DATA:
CC     APPLICATION NUMBER: GB 9101645.1
CC     FILING DATE: 24-JAN-1991
CC   ATTORNEY/AGENT INFORMATION:
CC     NAME: McDonnell, John J
CC     REGISTRATION NUMBER: 26,949
CC     REFERENCE/DOCKET NUMBER: 93,640
CC   TELECOMMUNICATION INFORMATION:
CC     TELEPHONE: 312-715-1000
CC     TELEFAX: 312-715-1234
CC   INFORMATION FOR SEQ ID NO: 5:
CC   SEQUENCE CHARACTERISTICS:
CC     LENGTH: 109 amino acids
CC     TYPE: amino acid
CC     STRANDEDNESS: single
CC     TOPOLOGY: linear
CC   MOLECULE TYPE: protein
CC   FEATURE:
CC     NAME/KEY: Protein
CC     LOCATION: 1..109
CC     OTHER INFORMATION: /note= "Truncated PDGF-B with Arg
CC     OTHER INFORMATION: 28 > Ser and Arg 32 > Pro (PDGF-B44)"
SQ   SEQUENCE  109 AA; 12166 MW; 60076 CN;

Query Match             5.9%;  Score 6;  DB 1;  Length 109;
Best Local Similarity 100.0%;  Pred. No. 5.04e+01;  Indels 0;  Gaps 0;
Matches    6;  Conservative    0;  Mismatches    0;

D   14 AECKTR 19
       ||||||
Qy  71 AECKTR 76

RESULT  19
ID   US-08-094-079-3   STANDARD;   PRT;   109 AA.
XX
AC   xxxxxx
XX
DT
XX
DE   Sequence 3, Application US/08094079
XX
CC   Sequence 3, Application US/08094079
CC   Patent No. 5512545
CC   GENERAL INFORMATION:
CC     APPLICANT: COOK, Anne L
CC     APPLICANT: CRAIG, Stewart
CC     APPLICANT: CLEMENTS, John M
CC     APPLICANT: EDWARDS, Richard M
CC     APPLICANT: BROWN, David
CC   TITLE OF INVENTION: PDGF-B ANALOGUES
CC   NUMBER OF SEQUENCES: 22
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CC   CORRESPONDENCE ADDRESS:
CC     ADDRESSEE: Allegretti & Witcoff, Ltd.
CC     STREET: 10 S. Wacker Dr.
CC     CITY: Chicago
CC     STATE: Illinois
CC     COUNTRY: USA
CC     ZIP: 60606
CC   COMPUTER READABLE FORM:
CC     MEDIUM TYPE: Floppy disk
CC     COMPUTER: IBM PC compatible
CC     OPERATING SYSTEM: PC-DOS/MS-DOS
CC     SOFTWARE: PatentIn Release #1.0, Version #1.25
CC   CURRENT APPLICATION DATA:
CC     APPLICATION NUMBER: US/08/094,079
CC     FILING DATE: 24-JAN-1992
CC     CLASSIFICATION: 435
CC   PRIOR APPLICATION DATA:
CC     APPLICATION NUMBER: WO PCT/GB92/00141
CC     FILING DATE: 24-JAN-1992
CC   PRIOR APPLICATION DATA:
CC     APPLICATION NUMBER: GB 9101645.1
CC     FILING DATE: 24-JAN-1991
CC   ATTORNEY/AGENT INFORMATION:
CC     NAME: McDonnell, John J
CC     REGISTRATION NUMBER: 26,949
CC     REFERENCE/DOCKET NUMBER: 93,640
CC   TELECOMMUNICATION INFORMATION:
CC     TELEPHONE: 312-715-1000
CC     TELEFAX: 312-715-1234
CC   INFORMATION FOR SEQ ID NO: 3:
CC   SEQUENCE CHARACTERISTICS:
CC     LENGTH: 109 amino acids
CC     TYPE: amino acid
CC     STRANDEDNESS: single
CC     TOPOLOGY: linear
CC   MOLECULE TYPE: protein
CC   FEATURE:
CC     NAME/KEY: Protein
CC     LOCATION: 1..109
CC     OTHER INFORMATION: /note= "Truncated PDGF-B with ARG
CC     OTHER INFORMATION: 28 > SER (PDGF-B5)"
SQ   SEQUENCE  109 AA; 12225 MW; 59660 CN;

Query Match             5.9%;  Score 6;  DB 1;  Length 109;
Best Local Similarity 100.0%;  Pred. No. 5.04e+01;  Indels 0;  Gaps 0;
Matches    6;  Conservative    0;  Mismatches    0;

Db  14 AECKTR 19
       ||||||
Qy  71 AECKTR 76

RESULT  20
ID   US-08-804-953-3   STANDARD;   PRT;   109 AA.
XX
AC   xxxxxx
XX
DT
XX
DE   Sequence 3, Application US/08804953
XX
CC   Sequence 3, Application US/08804953
CC   Patent No. 5968778
CC   GENERAL INFORMATION:
CC     APPLICANT: Hoppe, Jurgen
CC     APPLICANT: Weich, Herbert
CC   TITLE OF INVENTION: PDGF-A, PDGF-AA, PDGF-AB,
CC   TITLE OF INVENTION: PREPARATION PROCESS AND
CC   TITLE OF INVENTION: PHARMACEUTICALS CONTAINING
CC   TITLE OF INVENTION: THEM
CC   NUMBER OF SEQUENCES: 3
CC   CORRESPONDENCE ADDRESS:
CC     ADDRESSEE: Joseph T. Eisele
```

CC   ADDRESSEE: Kane, Dalsimer, Sullivan, Kurucz,
CC   ADDRESSEE: Levy, Eisele and Richard
CC   STREET: 711 Third Avenue
CC   CITY: New York
CC   STATE: New York
CC   COUNTRY: U.S.A.
CC   ZIP: 10017-4059
CC   COMPUTER READABLE FORM:
CC   MEDIUM TYPE: 3-1/2" DISKETTE
CC   COMPUTER: IBM-XT COMPATIBLE
CC   OPERATING SYSTEM: DOS 3.3:
CC   SOFTWARE: WORDPERFECT 5.0
CC   CURRENT APPLICATION DATA:
CC   APPLICATION NUMBER: US/08/804,953
CC   FILING DATE: 24-FEB-1997
CC   CLASSIFICATION: 257
CC   PRIOR APPLICATION DATA:
CC   APPLICATION NUMBER: 07/720,771
CC   FILING DATE: 08/07/91
CC   APPLICATION NUMBER: PCT/EP90/00063
CC   FILING DATE: 01/11/90
CC   ATTORNEY/AGENT INFORMATION:
CC   NAME: EISELE, JOSEPH T.
CC   REGISTRATION NUMBER: 25,331
CC   REFERENCE/DOCKET NUMBER: 2727-56 PCT
CC   TELECOMMUNICATION INFORMATION:
CC   TELEPHONE: (212) 687-6000
CC   TELEFAX: (212) 682-3485
CC   TELEX: (212) 426767
CC INFORMATION FOR SEQ ID NO: 3:
CC   SEQUENCE CHARACTERISTICS:
CC   LENGTH: 109 residues
CC   TYPE: amino acid
CC   STRANDEDNESS: N/A
CC   TOPOLOGY: linear
CC   MOLECULE TYPE: Protein
CC   HYPOTHETICAL: Yes
CC   ANTI-SENSE: No
CC   FRAGMENT TYPE:
CC   ORIGINAL SOURCE:
CC   ORGANISM:
CC   STRAIN: E. Coli
CC   INDIVIDUAL ISOLATE:
CC   DEVELOPMENTAL STAGE:
CC   HAPLOTYPE:
CC   TISSUE TYPE:
CC   CELL TYPE:
CC   CELL LINE:
CC   ORGANELLE:
CC   IMMEDIATE SOURCE:
CC   CLONE: PDGF-A
CC   FEATURE:
CC   OTHER INFORMATION:
SQ   SEQUENCE 109 AA; 12294 MW; 59268 CN;

Query Match   5.9%;   Score 6; DB 2; Length 109;
Best Local Similarity 100.0%;   Pred. No. 5.04e-01; Indels 0; Gaps 0;
Matches   6;   Conservative   0;   Mismatches   0;

Db   14 AECKTR 19
         |||||
Qy   71 AECKTR 76

RESULT 21
ID US-08-094-079-4   STANDARD;   PRT;   109 AA.
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AC xxxxxx
XX
DT
XX
DE Sequence 4, Application US/08094079
XX

CC Sequence 4, Application US/08094079
CC Patent No. 5512545
CC GENERAL INFORMATION:
CC   APPLICANT: COOK, Anne L
CC   APPLICANT: CRAIG, Stewart
CC   APPLICANT: CLEMENTS, John M
CC   APPLICANT: EDWARDS, Richard M
CC   APPLICANT: BROWN, David
CC   TITLE OF INVENTION: PDGF-B ANALOGUES
CC   NUMBER OF SEQUENCES: 22
CC   CORRESPONDENCE ADDRESS:
CC   ADDRESSEE: Allegretti & Witcoff, Ltd.
CC   STREET: 10 S. Wacker Dr.
CC   CITY: Chicago
CC   STATE: Illinois
CC   COUNTRY: USA
CC   ZIP: 60606
CC   COMPUTER READABLE FORM:
CC   MEDIUM TYPE: Floppy disk
CC   COMPUTER: IBM PC compatible
CC   OPERATING SYSTEM: PC-DOS/MS-DOS
CC   SOFTWARE: PatentIn Release #1.0, Version #1.25
CC   CURRENT APPLICATION DATA:
CC   APPLICATION NUMBER: US/08/094,079
CC   FILING DATE: 24-JAN-1992
CC   CLASSIFICATION: 435
CC   PRIOR APPLICATION DATA:
CC   APPLICATION NUMBER: WO PCT/GB92/00141
CC   FILING DATE: 24-JAN-1992
CC   PRIOR APPLICATION DATA:
CC   APPLICATION NUMBER: GB 9101645.1
CC   FILING DATE: 24-JAN-1991
CC   ATTORNEY/AGENT INFORMATION:
CC   NAME: McDonnell, John J
CC   REGISTRATION NUMBER: 26,949
CC   REFERENCE/DOCKET NUMBER: 93,640
CC   TELECOMMUNICATION INFORMATION:
CC   TELEPHONE: 312-715-1000
CC   TELEFAX: 312-715-1234
CC INFORMATION FOR SEQ ID NO: 4:
CC   SEQUENCE CHARACTERISTICS:
CC   LENGTH: 109 amino acids
CC   TYPE: amino acid
CC   STRANDEDNESS: single
CC   TOPOLOGY: linear
CC   MOLECULE TYPE: protein
CC   FEATURE:
CC   NAME/KEY: Protein
CC   LOCATION: 1..109
CC   OTHER INFORMATION: /note= "Truncated PDGF-B with ARG
CC   OTHER INFORMATION: 32 > PRO (PDGF-B7)"
SQ   SEQUENCE 109 AA; 12235 MW; 59684 CN;

Query Match   5.9%;   Score 6; DB 1; Length 109;
Best Local Similarity 100.0%;   Pred. No. 5.04e+01; Indels 0; Gaps 0;
Matches   6;   Conservative   0;   Mismatches   0;

Db   14 AECKTR 19
         |||||
Qy   71 AECKTR 76

RESULT 22
ID PCT-US91-02766-18   STANDARD;   PRT;   109 AA.
XX
AC xxxxxx
XX
DT
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DE Sequence 18, Application PC/TUS9102766
XX
CC Sequence 18, Application PC/TUS9102766
CC GENERAL INFORMATION:

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CC   APPLICANT: NASCIMENTO, CARLOS G.
CC   APPLICANT: CALDERON-CACIA, MARIA D.
CC   TITLE OF INVENTION: GLYCOSYLATED PDGF
CC   NUMBER OF SEQUENCES: 24
CC   CORRESPONDENCE ADDRESS:
CC   ADDRESSEE: Irell & Manella
CC   STREET: 545 Middlefield Road, Suite 200
CC   CITY: Menlo Park
CC   STATE: California
CC   COUNTRY: USA
CC   ZIP: 94025
CC   COMPUTER READABLE FORM:
CC   MEDIUM TYPE: Floppy disk
CC   COMPUTER: IBM PC compatible
CC   OPERATING SYSTEM: PC-DOS/MS-DOS
CC   SOFTWARE: PatentIn Release #1.0, Version #1.25
CC   CURRENT APPLICATION DATA:
CC   APPLICATION NUMBER: PCT/US91/02766
CC   FILING DATE:
CC   CLASSIFICATION:
CC   PRIOR APPLICATION DATA:
CC   APPLICATION NUMBER: US 07/515,474
CC   FILING DATE: 26-APR-1990
CC   ATTORNEY/AGENT INFORMATION:
CC   NAME: ROBINS, ROBERTA L.
CC   REGISTRATION NUMBER: 33,208
CC   REFERENCE/DOCKET NUMBER: 2300-0105.40
CC   TELECOMMUNICATION INFORMATION:
CC   TELEPHONE: (415) 327-7250
CC   TELEFAX: (415) 327-2951
CC   TELEX: 706141
CC   INFORMATION FOR SEQ ID NO: 18:
CC   SEQUENCE CHARACTERISTICS:
CC   LENGTH: 109 amino acids
CC   TYPE: AMINO ACID
CC   TOPOLOGY: linear
CC   MOLECULE TYPE: protein
SQ   SEQUENCE 109 AA; 12294 MW; 59268 CN;

Query Match
Best Local Similarity 100.0%; Score 6; DB 4; Length 109;
Matches  6; Conservative  0; Mismatches  0; Indels  0; Gaps  0;

Db   14 AECKTR 19
        ||||||
Qy   71 AECKTR 76

RESULT 23
ID   PCT-US93-02612-1   STANDARD;   PRT;   109 AA.
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AC   xxxxxx
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DE   Sequence 1, Application PC/TUS9302612
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CC   Sequence 1, Application PC/TUS9302612
CC   GENERAL INFORMATION:
CC   APPLICANT: Cable, Michael
CC   APPLICANT: Hesson, Thomas
CC   APPLICANT: Mannarino, Anthony
CC   TITLE OF INVENTION: Monomeric Platelet-Derived Growth Factor and Prevention of
CC   NUMBER OF SEQUENCES: 8
CC   CORRESPONDENCE ADDRESS:
CC   ADDRESSEE: Schering-Plough Corporation
CC   STREET: One Giralda Farms
CC   CITY: Madison
CC   STATE: New Jersey
CC   COUNTRY: USA
CC   ZIP: 07940
CC   COMPUTER READABLE FORM:
CC   MEDIUM TYPE: Floppy disk
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CC   COMPUTER: Apple Macintosh
CC   OPERATING SYSTEM: Macintosh 6.0.5
CC   SOFTWARE: Microsoft Word 4.00B
CC   CURRENT APPLICATION DATA:
CC   APPLICATION NUMBER: PCT/US93/02612
CC   FILING DATE: 19930326
CC   CLASSIFICATION:
CC   PRIOR APPLICATION DATA: None
CC   ATTORNEY/AGENT INFORMATION:
CC   NAME: Lunn, Paul, G.
CC   REGISTRATION NUMBER: 32,743
CC   REFERENCE/DOCKET NUMBER: JB0255
CC   TELECOMMUNICATION INFORMATION:
CC   TELEPHONE: 201-822-7255
CC   TELEFAX: 201-822-7039
CC   TELEX: 219165
CC   INFORMATION FOR SEQ ID NO: 1:
CC   SEQUENCE CHARACTERISTICS:
CC   LENGTH: 109 amino acids
CC   TYPE: AMINO ACID
CC   TOPOLOGY: linear
CC   MOLECULE TYPE: peptide
SQ   SEQUENCE 109 AA; 12294 MW; 59268 CN;

Query Match
Best Local Similarity 100.0%; Score 6; DB 4; Length 109;
Matches  6; Conservative  0; Mismatches  0; Indels  0; Gaps  0;

Db   14 AECKTR 19
        ||||||
Qy   71 AECKTR 76

RESULT 24
ID   US-08-257-494D-1   STANDARD;   PRT;   119 AA.
XX
AC   xxxxxx
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DT
XX
DE   Sequence 1, Application US/08257494D
XX
CC   Sequence 1, Application US/08257494D
CC   Patent No. 5863892
CC   GENERAL INFORMATION:
CC   APPLICANT: Allergan, Inc.
CC   TITLE OF INVENTION: USE OF PLATELET
CC   TITLE OF INVENTION: DERIVED GROWTH FACTOR IN OPHTHALMIC
CC   TITLE OF INVENTION: WOUND HEALING
CC   NUMBER OF SEQUENCES: 6
CC   CORRESPONDENCE ADDRESS:
CC   ADDRESSEE: Allergan, Inc.
CC   STREET: 2525 Dupont Drive
CC   CITY: Irvine
CC   STATE: California
CC   COUNTRY: USA
CC   ZIP: 92715
CC   COMPUTER READABLE FORM:
CC   MEDIUM TYPE: Diskette, 3.50 inch,
CC   MEDIUM TYPE: 1.40MB storage
CC   COMPUTER: Apple Macintosh II
CC   OPERATING SYSTEM: Macintosh OS 7.1
CC   SOFTWARE: Microsoft Word 5.1a
CC   CURRENT APPLICATION DATA:
CC   APPLICATION NUMBER: US/08/257,494D
CC   FILING DATE: 26 FEB 1992
CC   CLASSIFICATION: 514
CC   PRIOR APPLICATION DATA:
CC   APPLICATION NUMBER: USSN
CC   APPLICATION NUMBER: 07/842,306
CC   FILING DATE: 26 FEB 1992
CC   ATTORNEY/AGENT INFORMATION:
CC   NAME: Baran, Robert J.
```

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CC    REGISTRATION NUMBER: 25,806
CC    REFERENCE/DOCKET NUMBER:
CC    REFERENCE/DOCKET NUMBER: 16895(AP)FWC
CC    TELECOMMUNICATION INFORMATION:
CC      TELEPHONE: (714) 246-4669
CC      TELEFAX: (714) 246-4249
CC  INFORMATION FOR SEQ ID NO: 1:
CC    SEQUENCE CHARACTERISTICS:
CC      LENGTH: 119 amino acid residues
CC      TYPE: amino acid
CC      STRANDEDNESS:
CC      TOPOLOGY: linear
CC    MOLECULE TYPE: peptide
SQ  SEQUENCE  119 AA; 13377 MW; 69061 CN;

Query Match           5.9%;  Score 6;  DB 2; Length 119;
Best Local Similarity 100.0%;           Pred. No. 5.04e+01;
Matches   6;  Conservative   0;  Mismatches   0;  Indels   0;  Gaps   0;

[   14 AECKTR 19
        ||||||
Qy  71 AECKTR 76


RESULT 25
ID   5428135-2      STANDARD;    PRT;   120 AA.
XX
AC   xxxxxx
XX
DT
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DE   Patent No. 5428135
XX
CC   Patent No. 5428135
CC   APPLICANT: LYONS, DAVID E.;THOMASON, ARLEN R.
CC   TITLE OF INVENTION: PRODUCTION OF PLATELET-DERIVED GROWTH
CC   FACTOR B-CHAIN HETERODIMERS FROM HIGH EXPRESSION HOST CELL SYSTEM
CC   NUMBER OF SEQUENCES: 10
CC   CURRENT APPLICATION DATA:
CC     APPLICATION NUMBER: US/08/236,880
CC     FILING DATE: 29-APR-1994
CC   PRIOR APPLICATION DATA:
CC     APPLICATION NUMBER: 623,671
CC     FILING DATE: 12-DEC-1990
CC     APPLICATION NUMBER: 451,485
CC     FILING DATE: 15-DEC-1989
CC   SEQ ID NO:2:
CC     LENGTH: 120
SQ   SEQUENCE  120 AA; 13509 MW; 70231 CN;

Query Match           5.9%;  Score 6;  DB 5; Length 120;
Best Local Similarity 100.0%;           Pred. No. 5.04e+01;
Matches   6;  Conservative   0;  Mismatches   0;  Indels   0;  Gaps   0;

Db   15 AECKTR 20
        ||||||
Qy   71 AECKTR 76


RESULT 26
ID   5428135-6      STANDARD;    PRT;   129 AA.
XX
AC   xxxxxx
XX
DT
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DE   Patent No. 5428135
XX
CC   Patent No. 5428135
CC   APPLICANT: LYONS, DAVID E.;THOMASON, ARLEN R.
CC   TITLE OF INVENTION: PRODUCTION OF PLATELET-DERIVED GROWTH
CC   FACTOR B-CHAIN HETERODIMERS FROM HIGH EXPRESSION HOST CELL SYSTEM
CC   NUMBER OF SEQUENCES: 10
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CC   CURRENT APPLICATION DATA:
CC     APPLICATION NUMBER: US/08/236,880
CC     FILING DATE: 29-APR-1994
CC   PRIOR APPLICATION DATA:
CC     APPLICATION NUMBER: 623,671
CC     FILING DATE: 12-DEC-1990
CC     APPLICATION NUMBER: 451,485
CC     FILING DATE: 15-DEC-1989
CC   SEQ ID NO:6:
CC     LENGTH: 129
SQ   SEQUENCE  129 AA; 14403 MW; 84518 CN;

Query Match           5.9%;  Score 6;  DB 5; Length 129;
Best Local Similarity 100.0%;           Pred. No. 5.04e+01;
Matches   6;  Conservative   0;  Mismatches   0;  Indels   0;  Gaps   0;

Db   15 AECKTR 20
        ||||||
Qy   71 AECKTR 76


RESULT 27
ID   US-08-989-251-25      STANDARD;    PRT;   146 AA.
XX
AC   xxxxxx
XX
DT
XX
DE   Sequence 25, Application US/08989251
XX
CC   Sequence 25, Application US/08989251
CC   Patent No. 6017731
CC   GENERAL INFORMATION:
CC     APPLICANT: Tekamp-Olson, Patricia
CC     TITLE OF INVENTION: METHOD FOR EXPRESSION OF HETEROLOGOUS
CC     TITLE OF INVENTION: PROTEINS IN YEAST
CC     NUMBER OF SEQUENCES: 41
CC     CORRESPONDENCE ADDRESS:
CC       ADDRESSEE: Bell Seltzer IP Group of Alston & Bird, LLP
CC       STREET: 3605 Glenwood Ave. Suite 310
CC       CITY: Raleigh
CC       STATE: NC
CC       COUNTRY: US
CC       ZIP: 27622
CC     COMPUTER READABLE FORM:
CC       MEDIUM TYPE: Floppy disk
CC       COMPUTER: IBM PC compatible
CC       OPERATING SYSTEM: PC-DOS/MS-DOS
CC       SOFTWARE: PatentIn Release #1.0, Version #1.30
CC     CURRENT APPLICATION DATA:
CC       APPLICATION NUMBER: US/08/989,251
CC       FILING DATE:
CC     CLASSIFICATION:
CC     ATTORNEY/AGENT INFORMATION:
CC       NAME: Spruill, W. Murray
CC       REGISTRATION NUMBER: 32,943
CC       REFERENCE/DOCKET NUMBER: 5784-4
CC     TELECOMMUNICATION INFORMATION:
CC       TELEPHONE: 919 420 2202
CC       TELEFAX: 919 881 3175
CC   INFORMATION FOR SEQ ID NO: 25:
CC     SEQUENCE CHARACTERISTICS:
CC       LENGTH: 146 amino acids
CC       TYPE: amino acid
CC       TOPOLOGY: linear
CC     MOLECULE TYPE: protein
SQ   SEQUENCE  146 AA; 16201 MW; 105380 CN;

Query Match           5.9%;  Score 6;  DB 3; Length 146;
Best Local Similarity 100.0%;           Pred. No. 5.04e+01;
Matches   6;  Conservative   0;  Mismatches   0;  Indels   0;  Gaps   0;

Db   51 AECKTR 56
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Qy ||||||
        71 AECKTR 76

RESULT 28
ID US-08-989-251-2   STANDARD;   PRT;   146 AA.
XX
AC xxxxxx
XX
DT
XX
DE Sequence 2, Application US/08989251
XX
CC Sequence 2, Application US/08989251
CC Patent No. 6017731
CC GENERAL INFORMATION:
CC APPLICANT: Tekamp-Olson, Patricia
CC TITLE OF INVENTION: METHOD FOR EXPRESSION OF HETEROLOGOUS
CC TITLE OF INVENTION: PROTEINS IN YEAST
CC NUMBER OF SEQUENCES: 41
CC CORRESPONDENCE ADDRESS:
CC ADDRESSEE: Bell Seltzer IP Group of Alston & Bird, LLP
CC STREET: 3605 Glenwood Ave. Suite 310
CC CITY: Raleigh
CC STATE: NC
CC COUNTRY: US
CC ZIP: 27622
CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: Floppy disk
CC COMPUTER: IBM PC compatible
CC OPERATING SYSTEM: PC-DOS/MS-DOS
CC SOFTWARE: PatentIn Release #1.0, Version #1.30
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/08/989,251
CC FILING DATE:
CC CLASSIFICATION:
CC ATTORNEY/AGENT INFORMATION:
CC NAME: Sprull, W. Murray
CC REGISTRATION NUMBER: 32,943
CC REFERENCE/DOCKET NUMBER: 5784-4
CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: 919 420 2202
CC TELEFAX: 919 881 3175
CC INFORMATION FOR SEQ ID NO: 2:
CC SEQUENCE CHARACTERISTICS:
CC LENGTH: 146 amino acids
CC TYPE: amino acid
CC TOPOLOGY: linear
CC MOLECULE TYPE: protein
SQ SEQUENCE 146 AA; 16201 MW; 105380 CN;

Query Match   5.9%; Score 6;   DB 3; Length 146;
Best Local Similarity 100.0%; Pred. No. 5.04e+01;
Matches   6; Conservative   0; Mismatches   0; Indels   0; Gaps   0;

Db 51 AECKTR 56
       ||||||
Qy 71 AECKTR 76

RESULT 29
ID US-08-094-079-1   STANDARD;   PRT;   160 AA.
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AC xxxxxx
XX
DT
XX
DE Sequence 1, Application US/08094079
XX
CC Sequence 1, Application US/08094079
CC Patent No. 5512545
CC GENERAL INFORMATION:
CC APPLICANT: COOK, Anne L
CC APPLICANT: CRAIG, Stewart
CC APPLICANT: CLEMENTS, John M
CC APPLICANT: EDWARDS, Richard M
CC APPLICANT: BROWN, David
CC TITLE OF INVENTION: PDGF-B ANALOGUES
CC NUMBER OF SEQUENCES: 22
CC CORRESPONDENCE ADDRESS:
CC ADDRESSEE: Allegretti & Witcoff, Ltd.
CC STREET: 10 S. Wacker Dr.
CC CITY: Chicago
CC STATE: Illinois
CC COUNTRY: USA
CC ZIP: 60606
CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: Floppy disk
CC COMPUTER: IBM PC compatible
CC OPERATING SYSTEM: PC-DOS/MS-DOS
CC SOFTWARE: PatentIn Release #1.0, Version #1.25
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/08/094,079
CC FILING DATE: 24-JAN-1992
CC CLASSIFICATION: 435
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: WO PCT/GB92/00141
CC FILING DATE: 24-JAN-1992
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: GB 9101645.1
CC FILING DATE: 24-JAN-1991
CC ATTORNEY/AGENT INFORMATION:
CC NAME: McDonnell, John J
CC REGISTRATION NUMBER: 26,949
CC REFERENCE/DOCKET NUMBER: 93,640
CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: 312-715-1000
CC TELEFAX: 312-715-1234
CC INFORMATION FOR SEQ ID NO: 1:
CC SEQUENCE CHARACTERISTICS:
CC LENGTH: 160 amino acids
CC TYPE: amino acid
CC STRANDEDNESS: single
CC TOPOLOGY: linear
CC MOLECULE TYPE: protein
CC FEATURE:
CC NAME/KEY: Protein
CC LOCATION: 1..160
CC OTHER INFORMATION: /note= "PDGF-B"
SQ SEQUENCE 160 AA; 18106 MW; 128787 CN;

Query Match   5.9%; Score 6;   DB 1; Length 160;
Best Local Similarity 100.0%; Pred. No. 5.04e+01;
Matches   6; Conservative   0; Mismatches   0; Indels   0; Gaps   0;

Db 14 AECKTR 19
       ||||||
Qy 71 AECKTR 76

RESULT 30
ID US-08-194-180-3   STANDARD;   PRT;   175 AA.
XX
AC xxxxxx
XX
DT
XX
DE Sequence 3, Application US/08194180
XX
CC Sequence 3, Application US/08194180
CC Patent No. 5472871
CC GENERAL INFORMATION:
CC APPLICANT: Wood, William B.
CC APPLICANT: Perry, Marc. D.
CC APPLICANT: Trent, Carol
CC TITLE OF INVENTION: Isolation and Characterization of the

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CC   TITLE OF INVENTION: nematode her-1 gene and protein product.
CC   NUMBER OF SEQUENCES: 8
CC   CORRESPONDENCE ADDRESS:
CC      ADDRESSEE: Beaton & Swanson, P.C.
CC      STREET: 4582 South Ulster Street Parkway, #403
CC      CITY: Denver
CC      STATE: Colorado
CC      COUNTRY: USA
CC      ZIP: 80237
CC   COMPUTER READABLE FORM:
CC      MEDIUM TYPE: Diskette, 5.25 inch, 360 Kb storage
CC      COMPUTER: IBM compatible
CC      OPERATING SYSTEM: MS-DOS
CC      SOFTWARE: Wordperfect 5.1
CC   CURRENT APPLICATION DATA:
CC      APPLICATION NUMBER: US/08/194,180
CC      FILING DATE:
CC      CLASSIFICATION: 435
CC   PRIOR APPLICATION DATA:
CC      APPLICATION NUMBER: US/07/844,294
CC      FILING DATE: FEBRUARY 28, 1992
CC   ATTORNEY/AGENT INFORMATION:
CC      NAME: Barry J. Swanson
CC      REGISTRATION NUMBER: 33,215
CC      REFERENCE/DOCKET NUMBER:
CC   TELECOMMUNICATION INFORMATION:
CC      TELEPHONE: (303) 850-9900
CC      TELEFAX: (303) 850-9401
CC   HYPOTHETICAL: yes
CC   FEATURE:
CC      NAME/KEY: her-1 protein
CC      LOCATION: +1 to +175
CC   INFORMATION FOR SEQ ID NO: 3:
CC   SEQUENCE CHARACTERISTICS:
CC      LENGTH: 175 amino acids
CC      TYPE: amino acid
CC      TOPOLOGY: linear
CC   MOLECULE TYPE: protein
SQ   SEQUENCE 175 AA; 20172 MW; 148189 CN:

Query Match     5.9%;  Score 6;  DB 1;  Length 175;
Best Local Similarity 100.0%;  Pred. No. 5.04e+01;
Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Db      81 KINLDD 86
           ||||||
Qy      84 KINLDD 89

RESULT   31
ID   US-08-867-352-25        STANDARD;        PRT;        190 AA.
XX
AC   xxxxxx
DT
XX
DE   Sequence 25, Application US/08867352
XX
CC   Sequence 25, Application US/08867352
CC   Patent No. 6060273
CC   GENERAL INFORMATION:
CC      APPLICANT:
CC   TITLE OF INVENTION:  Multicistronic expression units and their use
CC   NUMBER OF SEQUENCES: 25
CC   COMPUTER READABLE FORM:
CC      MEDIUM TYPE: Floppy disk
CC      COMPUTER: IBM PC compatible
CC      OPERATING SYSTEM: PC-DOS/MS-DOS
CC      SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPA)
CC   CURRENT APPLICATION DATA:
CC      APPLICATION NUMBER: US/08/867,352
CC      FILING DATE:
CC      CLASSIFICATION:


CC   PRIOR APPLICATION DATA:
CC      APPLICATION NUMBER: 08/387,847
CC      FILING DATE:
CC   INFORMATION FOR SEQ ID NO: 25:
CC   SEQUENCE CHARACTERISTICS:
CC      LENGTH: 190 amino acids
CC      TYPE: amino acid
CC      TOPOLOGY: linear
CC   MOLECULE TYPE: protein
SQ   SEQUENCE 190 AA; 21471 MW; 174347 CN:

Query Match     5.9%;  Score 6;  DB 3;  Length 190;
Best Local Similarity 100.0%;  Pred No. 5.04e+01;
Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Db      95 AECKTR 100
           ||||||
Qy      71 AECKTR 76

RESULT   32
ID   US-08-989-251-37        STANDARD;        PRT;        205 AA.
XX
AC   xxxxxx
XX
DT
XX
DE   Sequence 37, Application US/08989251
XX
CC   Sequence 37, Application US/08989251
CC   Patent No. 6017731
CC   GENERAL INFORMATION:
CC      APPLICANT: Tekamp-Olson, Patricia
CC   TITLE OF INVENTION: METHOD FOR EXPRESSION OF HETEROLOGOUS
CC   TITLE OF INVENTION: PROTEINS IN YEAST
CC   NUMBER OF SEQUENCES: 41
CC   CORRESPONDENCE ADDRESS:
CC      ADDRESSEE: Bell Seltzer IP Group of Alston & Bird, LLP
CC      STREET: 3605 Glenwood Ave. Suite 310
CC      CITY: Raleigh
CC      STATE: NC
CC      COUNTRY: US
CC      ZIP: 27622
CC   COMPUTER READABLE FORM:
CC      MEDIUM TYPE: Floppy disk
CC      COMPUTER: IBM PC compatible
CC      OPERATING SYSTEM: PC-DOS/MS-DOS
CC      SOFTWARE: PatentIn Release #1.0, Version #1.30
CC   CURRENT APPLICATION DATA:
CC      APPLICATION NUMBER: US/08/989,251
CC      FILING DATE:
CC      CLASSIFICATION:
CC   ATTORNEY/AGENT INFORMATION:
CC      NAME: Spruill, W. Murray
CC      REGISTRATION NUMBER: 32,943
CC      REFERENCE/DOCKET NUMBER: 5784-4
CC   TELECOMMUNICATION INFORMATION:
CC      TELEPHONE: 919 420 2202
CC      TELEFAX: 919 881 3175
CC   INFORMATION FOR SEQ ID NO: 37:
CC   SEQUENCE CHARACTERISTICS:
CC      LENGTH: 205 amino acids
CC      TYPE: amino acid
CC      TOPOLOGY: linear
CC   MOLECULE TYPE: protein
SQ   SEQUENCE 205 AA; 22819 MW; 203125 CN:

Query Match     5.9%;  Score 6;  DB 3;  Length 205;
Best Local Similarity 100.0%;  Pred No. 5.04e+01;
Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Db     110 AECKTR 115
           ||||||
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Qy   71 AECKTR 76

RESULT 33
ID US-08-989-251-27   STANDARD;   PRT;   205 AA.
XX
AC xxxxxx
XX
DT
XX
DE Sequence 27, Application US/08989251
XX
CC Sequence 27, Application US/08989251
CC Patent No. 6017731
CC GENERAL INFORMATION:
CC   APPLICANT: Tekamp-Olson, Patricia
CC   TITLE OF INVENTION: METHOD FOR EXPRESSION OF HETEROLOGOUS
CC   TITLE OF INVENTION: PROTEINS IN YEAST
CC   NUMBER OF SEQUENCES: 41
CC   CORRESPONDENCE ADDRESS:
CC   ADDRESSEE: Bell Seltzer IP Group of Alston & Bird, LLP
CC   STREET: 3605 Glenwood Ave. Suite 310
CC   CITY: Raleigh
CC   STATE: NC
CC   COUNTRY: US
CC   ZIP: 27622
CC   COMPUTER READABLE FORM:
CC   MEDIUM TYPE: Floppy disk
CC   COMPUTER: IBM PC compatible
CC   OPERATING SYSTEM: PC-DOS/MS-DOS
CC   SOFTWARE: PatentIn Release #1.0, Version #1.30
CC   CURRENT APPLICATION DATA:
CC   APPLICATION NUMBER: US/08/989,251
CC   FILING DATE:
CC   CLASSIFICATION:
CC   ATTORNEY/AGENT INFORMATION:
CC   NAME: Spruill, W. Murray
CC   REGISTRATION NUMBER: 32,943
CC   REFERENCE/DOCKET NUMBER: 5784-4
CC   TELECOMMUNICATION INFORMATION:
CC   TELEPHONE: 919 420 2202
CC   TELEFAX: 919 881 3175
CC CURRENT APPLICATION DATA:
CC   APPLICATION NUMBER: US/08/989,251
CC   FILING DATE:
CC INFORMATION FOR SEQ ID NO: 27:
CC   SEQUENCE CHARACTERISTICS:
CC   LENGTH: 205 amino acids
CC   TYPE: amino acid
CC   TOPOLOGY: linear
CC   MOLECULE TYPE: protein
SQ SEQUENCE 205 AA; 22819 MW; 203125 CN;

ry Match 5.9%; Score 6; DB 3; Length 205;
Best Local Similarity 100.0%; Pred. No. 5.04e+01;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 110 AECKTR 115
         ||||||
Qy   71 AECKTR 76

RESULT 34
ID 5175255-4   STANDARD;   PRT;   220 AA.
XX
AC xxxxxx
XX
DT
XX
DE Patent No. 5175255
XX
CC Patent No. 5175255
CC   APPLICANT: Thomason, Arlen R.;Nicholson, Margery
CC   TITLE OF INVENTION: METHODS FOR PURIFICATION OF PLATELET-
CC DERIVED GROWTH FACTOR
CC   NUMBER OF SEQUENCES: 9

Qy   71 AECKTR 76

CC CURRENT APPLICATION DATA:
CC   APPLICATION NUMBER: US/06/25,344
CC   FILING DATE: 23-MAR-1987
CC SEQ ID NO:4:
CC   LENGTH: 220
SQ SEQUENCE 220 AA; 24827 MW; 239232 CN;

Query Match 5.9%; Score 6; DB 5; Length 220;
Best Local Similarity 100.0%; Pred. No. 5.04e+01;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 74 AECKTR 79
        ||||||
Qy   71 AECKTR 76

RESULT 35
ID US-08-651-136C-2   STANDARD;   PRT;   225 AA.
XX
AC xxxxxx
XX
DT
XX
DE Sequence 2, Application US/08651136C
XX
CC Sequence 2, Application US/08651136C
CC Patent No. 6001639
CC GENERAL INFORMATION:
CC   APPLICANT: Schulein, Martin
CC   APPLICANT: Andersen, Lene N.
CC   APPLICANT: Lassen, Soren F.
CC   APPLICANT: Kauppinen, Markus S.
CC   APPLICANT: Lange, Lene
CC   APPLICANT: Nielsen, Ruby I.
CC   APPLICANT: Ihara, Michiko
CC   APPLICANT: Takagi, Shinobu
CC   TITLE OF INVENTION: No. 6001639el Endoglucanases
CC   NUMBER OF SEQUENCES: 109
CC   CORRESPONDENCE ADDRESS:
CC   ADDRESSEE: No. 6001639o No. 6001639disk of No. 6001639th America, Inc.
CC   STREET: 405 Lexington Avenue, 64th Floor
CC   CITY: New York
CC   STATE: New York
CC   COUNTRY: United States of America
CC   ZIP: 10174-6401
CC   COMPUTER READABLE FORM:
CC   MEDIUM TYPE: Floppy disk
CC   COMPUTER: IBM PC Compatible
CC   OPERATING SYSTEM: PC-DOS/MS-DOS
CC   SOFTWARE: PatentIn Release #1.0, Version #1.30
CC   CURRENT APPLICATION DATA:
CC   APPLICATION NUMBER: US/08/651,136C
CC   FILING DATE: 21-MAY-1996
CC   CLASSIFICATION: 435
CC   ATTORNEY/AGENT INFORMATION:
CC   NAME: Lambiris, Elias J.
CC   REGISTRATION NUMBER: 33,728
CC   REFERENCE/DOCKET NUMBER: 4366.200-US
CC   TELECOMMUNICATION INFORMATION:
CC   TELEPHONE: 212-867-0123
CC   TELEFAX: 212-878-9655
CC INFORMATION FOR SEQ ID NO: 2:
CC   SEQUENCE CHARACTERISTICS:
CC   LENGTH: 225 amino acids
CC   TYPE: amino acid
CC   TOPOLOGY: linear
CC   MOLECULE TYPE: protein
SQ SEQUENCE 225 AA; 23736 MW; 253905 CN;

Query Match 5.9%; Score 6; DB 3; Length 225;
Best Local Similarity 100.0%; Pred. No. 5.04e+01;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db         98 LAGSSE 103
              ||||||
Qy         63 LAGSSE 68

RESULT 36
ID  5498600-2          STANDARD;        PRT;      226 AA.
XX
AC  xxxxxx
XX
DT
XX
DE  Patent No. 5498600
XX
CC  Patent No. 5498600
CC     APPLICANT: MURRAY, MARK J.;KELLY, JAMES D.
CC     TITLE OF INVENTION: BIOLOGICALLY ACTIVE MOSAIC PROTEINS
CC     NUMBER OF SEQUENCES: 34
CC  CURRENT APPLICATION DATA:
CC     APPLICATION NUMBER: US/08/319,776
CC     FILING DATE: 07-OCT-1994
CC  PRIOR APPLICATION DATA:
CC     APPLICATION NUMBER: 926,149
CC     FILING DATE: 05-AUG-1992
CC     APPLICATION NUMBER: 379,239
CC     FILING DATE: 11-JUL-1989
CC     APPLICATION NUMBER: 941,970
CC     FILING DATE: 15-DEC-1986
CC     APPLICATION NUMBER: 896,485
CC     FILING DATE: 3-AUG-1986
CC     APPLICATION NUMBER: 705,175
CC     FILING DATE: 25-FEB-1985
CC     APPLICATION NUMBER: 660,496
CC     FILING DATE: 12-OCT-1984
CC  SEQ ID NO:2:
CC     LENGTH: 226
SQ  SEQUENCE  226 AA; 25470 MW; 249657 CN;

Query Match             5.9%;  Score 6;  DB 5;  Length 226;
Best Local Similarity 100.0%;  Pred. No. 5.04e+01;
Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Db         80 AECKTR 85
              ||||||
Qy         71 AECKTR 76

ULT 37
US-08-651-136C-16          STANDARD;        PRT;      226 AA.
XX
AC  xxxxxx
XX
DT
XX
DE  Sequence 16, Application US/08651136C
XX
CC  Sequence 16, Application US/08651136C
CC     Patent No. 6001639
CC  GENERAL INFORMATION:
CC     APPLICANT: Schulein, Martin
CC     APPLICANT: Andersen, Lene N.
CC     APPLICANT: Lassen, Soren F.
CC     APPLICANT: Kauppinen, Markus S.
CC     APPLICANT: Lange, Lene
CC     APPLICANT: Nielsen, Ruby I.
CC     APPLICANT: Ihara, Michiko
CC     APPLICANT: Takagi, Shinobu
CC     TITLE OF INVENTION: No. 6001639el Endoglucanases
CC     NUMBER OF SEQUENCES: 109
CC  CORRESPONDENCE ADDRESS:
CC     ADDRESSEE: No. 6001639o No. 6001639disk of No. 6001639th America, Inc.
CC     STREET: 405 Lexington Avenue, 64th Floor
CC     CITY: New York
CC     STATE: New York
CC     COUNTRY: United States of America
CC     ZIP: 10174-6401
CC  COMPUTER READABLE FORM:
CC     MEDIUM TYPE: Floppy disk
CC     COMPUTER: IBM PC compatible
CC     OPERATING SYSTEM: PC-DOS/MS-DOS
CC     SOFTWARE: PatentIn Release #1.0, Version #1.30
CC  CURRENT APPLICATION DATA:
CC     APPLICATION NUMBER: US/08/651,136C
CC     FILING DATE: 21-MAY-1996
CC     CLASSIFICATION: 435
CC  ATTORNEY/AGENT INFORMATION:
CC     NAME: Lambiris, Elias J.
CC     REGISTRATION NUMBER: 33,728
CC     REFERENCE/DOCKET NUMBER: 4366.200-US
CC  TELECOMMUNICATION INFORMATION:
CC     TELEPHONE: 212-867-0123
CC     TELEFAX: 212-878-9655
CC  INFORMATION FOR SEQ ID NO: 16:
CC     SEQUENCE CHARACTERISTICS:
CC        LENGTH: 226 amino acids
CC        TYPE: amino acid
CC        TOPOLOGY: linear
CC     MOLECULE TYPE: protein
SQ  SEQUENCE  226 AA; 23406 MW; 252351 CN;

Query Match             5.9%;  Score 6;  DB 3;  Length 226;
Best Local Similarity 100.0%;  Pred. No. 5.04e+01;
Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Db         99 LAGSSE 104
              ||||||
Qy         63 LAGSSE 68

RESULT 38
ID  521973 9-15          STANDARD;        PRT;      241 AA.
XX
AC  xxxxxx
XX
DT
XX
DE  Patent No. 5219739
XX
CC  Patent No. 5219739
CC     APPLICANT: TISCHER, EDMUND G.;ABRAHAM, JUDITH A.;FIDDES,
CC     JOHN C.;MITCHELL, RICHARD L.
CC     TITLE OF INVENTION: DNA SEQUENCES ENCODING BVEGF120 AND
CC     HVEGF 121 AND METHODS FOR THE PRODUCTION OF BOVINE AND HUMAN
CC     VAASCULAR ENDOTHELIAL CELL GROWTH FACTORS, BVEGF120 AND HVEGF121
CC     NUMBER OF SEQUENCES: 40
CC  CURRENT APPLICATION DATA:
CC     APPLICATION NUMBER: US/07/559,041
CC     FILING DATE: 27-JUL-1990
CC  PRIOR APPLICATION DATA:
CC     APPLICATION NUMBER: 450,883
CC     FILING DATE: 14-DEC-1989
CC     APPLICATION NUMBER: 387,545
CC     FILING DATE: 27-JUL-1989
CC  SEQ ID NO:15:
CC     LENGTH: 241
SQ  SEQUENCE  241 AA; 27269 MW; 286013 CN;

Query Match             5.9%;  Score 6;  DB 5;  Length 241;
Best Local Similarity 100.0%;  Pred. No. 5.04e+01;
Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Db         95 AECKTR 100
              ||||||
Qy         71 AECKTR 76
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RESULT  39
ID   5194596-15      STANDARD;       PRT;    241 AA.
XX
AC   xxxxxx
XX
DT
XX
DE   Patent No. 5194596
XX
CC   APPLICANT: TISCHER, EDMUND G.;ABRAHAM, JUDITH A.;FIDDES, JOHN
CC   C.;MITCHELL, RICHARD L.
CC   TITLE OF INVENTION: PRODUCTION OF VASCULAR ENDOTHELIAL CELL
CC   GROWTH FACTOR
CC   NUMBER OF SEQUENCES: 32
CC   CURRENT APPLICATION DATA:
CC      APPLICATION NUMBER: US/07/450,883
CC      FILING DATE: 14-DEC-1989
CC   PRIOR APPLICATION DATA:
CC      APPLICATION NUMBER: 387,545
CC      FILING DATE: 27-JUL-1989
CC   SEQ ID NO:15:
CC      LENGTH: 241
SQ   SEQUENCE  241 AA; 27283 MW; 285581 CN;

Query Match          5.9%;   Score 6;  DB 5; Length 241;
Best Local Similarity 100.0%;  Pred. No. 5.04e+01;
Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Db    95 AECKTR 100
         ||||||
Qy    71 AECKTR 76


RESULT  40
ID   5175255-8       STANDARD;       PRT;    241 AA.
XX
AC   xxxxxx
XX
DT
XX
DE   Patent No. 5175255
XX
CC   APPLICANT: Thomason, Arlen R.;Nicholson, Margery
CC   TITLE OF INVENTION: METHODS FOR PURIFICATION OF PLATELET-
CC   DERIVED GROWTH FACTOR
CC   NUMBER OF SEQUENCES: 9
CC   CURRENT APPLICATION DATA:
CC      APPLICATION NUMBER: US/06/25,344
CC      FILING DATE: 23-MAR-1987
CC   SEQ ID NO:8:
CC      LENGTH: 241
SQ   SEQUENCE  241 AA; 27123 MW; 283619 CN;

Query Match          5.9%;   Score 6;  DB 5; Length 241;
Best Local Similarity 100.0%;  Pred. No. 5.04e+01;
Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Db    95 AECKTR 100
         ||||||
Qy    71 AECKTR 76


RESULT  41
ID   5175255-2       STANDARD;       PRT;    241 AA.
XX
AC   xxxxxx
XX
DT
XX
DE   Patent No. 5175255
XX
```

```
CC   Patent No. 5175255
CC   APPLICANT: Thomason, Arlen R.;Nicholson, Margery
CC   TITLE OF INVENTION: METHODS FOR PURIFICATION OF PLATELET-
CC   DERIVED GROWTH FACTOR
CC   NUMBER OF SEQUENCES: 9
CC   CURRENT APPLICATION DATA:
CC      APPLICATION NUMBER: US/06/25,344
CC      FILING DATE: 23-MAR-1987
CC   SEQ ID NO:2:
CC      LENGTH: 241
SQ   SEQUENCE  241 AA; 27167 MW; 285653 CN;

Query Match          5.9%;   Score 6;  DB 5; Length 241;
Best Local Similarity 100.0%;  Pred. No. 5.04e+01;
Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Db    95 AECKTR 100
         ||||||
Qy    71 AECKTR 76


RESULT  42
ID   PCT-US96-09001-9        STANDARD;       PRT;    241 AA.
XX
AC
XX
DT
XX
DE   Sequence 9, Application PC/TUS9609001
XX
CC   Sequence 9, Application PC/TUS9609001
CC   GENERAL INFORMATION:
CC   APPLICANT: HU, ET AL.
CC   TITLE OF INVENTION:  Human Vascular EndothelialGrowth Factor 2
CC   NUMBER OF SEQUENCES: 10
CC   CORRESPONDENCE ADDRESS:
CC      ADDRESSEE:  CARELLA, BYRNE, BAIN, GILFILLAN,
CC      ADDRESSEE:  CECCHI, STEWART & OLSTEIN
CC      STREET:  6 BECKER FARM ROAD
CC      CITY:  ROSELAND
CC      STATE:  NEW JERSEY
CC      COUNTRY:  USA
CC      ZIP:  07068
CC   COMPUTER READABLE FORM:
CC      MEDIUM TYPE:  3.5 INCH DISKETTE
CC      COMPUTER:  IBM PS/2
CC      OPERATING SYSTEM:  MS-DOS
CC      SOFTWARE:  WORD PERFECT 5.1
CC   CURRENT APPLICATION DATA:
CC      APPLICATION NUMBER:  PCT/US96/09001
CC      FILING DATE:
CC      CLASSIFICATION:
CC   PRIOR APPLICATION DATA:
CC      APPLICATION NUMBER:  08/465,968
CC      FILING DATE:  6 JUN 95
CC      APPLICATION NUMBER:  08/207,550
CC      FILING DATE:  8 MAR 1994
CC   ATTORNEY/AGENT INFORMATION:
CC      NAME:  FERRARO, GREGORY D.
CC      REGISTRATION NUMBER:  36,134
CC      REFERENCE/DOCKET NUMBER:  325800-288
CC   TELECOMMUNICATION INFORMATION:
CC      TELEPHONE:  201-994-1700
CC      TELEFAX:  201-994-1744
CC   INFORMATION FOR SEQ ID NO:  9:
CC      SEQUENCE CHARACTERISTICS:
CC      LENGTH:  241 AMINO ACIDS
CC      TYPE:  AMINO ACID
CC      STRANDEDNESS:
CC      TOPOLOGY:  LINEAR
CC      MOLECULE TYPE:  PROTEIN
SQ   SEQUENCE  241 AA; 27283 MW; 285581 CN;
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US-09-427-873-2.rai

Wed Aug 16 15:39:56 2000

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Query Match                 5.9%;   Score 6;   DB 4;   Length 241;
Best Local Similarity 100.0%;   Pred. No. 5.04e+01;
Matches     6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Db      95 AECKTR 100
           ||||||
Qy      71 AECKTR 76

RESULT  43
ID  US-08-387-845-4      STANDARD;        PRT;        241 AA.
XX
AC  xxxxxx
XX
DT
DE  Sequence 4, Application US/08387845
XX
CC  Patent No. 5665567
CC  GENERAL INFORMATION:
CC      APPLICANT:
CC      TITLE OF INVENTION:  Preparation of heterodimeric PDGF-AB using a
CC      TITLE OF INVENTION:  bicistronic vector system in mammalian cells
CC      NUMBER OF SEQUENCES: 16
CC      COMPUTER READABLE FORM:
CC          MEDIUM TYPE: Floppy disk
CC          COMPUTER: IBM PC compatible
CC          OPERATING SYSTEM: PC-DOS/MS-DOS
CC          SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPA)
CC      CURRENT APPLICATION DATA:
CC          APPLICATION NUMBER: US/08/387,845
CC          FILING DATE:
CC          CLASSIFICATION: 435
CC      INFORMATION FOR SEQ ID NO: 4:
CC      SEQUENCE CHARACTERISTICS:
CC          LENGTH: 241 amino acids
CC          TYPE: amino acid
CC          TOPOLOGY: linear
CC      MOLECULE TYPE: protein
SQ      SEQUENCE   241 AA;  27283 MW;  285581 CN;

Query Match                 5.9%;   Score 6;   DB 1;   Length 241;
Best Local Similarity 100.0%;   Pred. No. 5.04e+01;
Matches     6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Db      95 AECKTR 100
           ||||||
Qy      71 AECKTR 76

RESULT  44
ID  US-08-778-275-4      STANDARD;        PRT;        241 AA.
XX
AC  xxxxxx
XX
DT
DE  Sequence 4, Application US/08778275
XX
CC  Patent No. 5935819
CC  GENERAL INFORMATION:
CC      APPLICANT:
CC      TITLE OF INVENTION:  Preparation of heterodimeric PDGF-AB using a
CC      TITLE OF INVENTION:  bicistronic vector system in mammalian cells
CC      NUMBER OF SEQUENCES: 16
CC      COMPUTER READABLE FORM:
CC          MEDIUM TYPE: Floppy disk
CC          COMPUTER: IBM PC compatible
CC          OPERATING SYSTEM: PC-DOS/MS-DOS
CC          SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPA)
CC      CURRENT APPLICATION DATA:
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CC          APPLICATION NUMBER: US/08/778,275
CC          FILING DATE:
CC          CLASSIFICATION:
CC      PRIOR APPLICATION DATA:
CC          APPLICATION NUMBER: 08/387,845
CC          FILING DATE:
CC      INFORMATION FOR SEQ ID NO: 4:
CC      SEQUENCE CHARACTERISTICS:
CC          LENGTH: 241 amino acids
CC          TYPE: amino acid
CC          TOPOLOGY: linear
CC      MOLECULE TYPE: protein
SQ      SEQUENCE   241 AA;  27283 MW;  285581 CN;

Query Match                 5.9%;   Score 6;   DB 2;   Length 241;
Best Local Similarity 100.0%;   Pred. No. 5.04e+01;
Matches     6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Db      95 AECKTR 100
           ||||||
Qy      71 AECKTR 76

RESULT  45
ID  US-08-569-063C-23     STANDARD;        PRT;        241 AA.
XX
AC  xxxxxx
XX
DT
DE  Sequence 23, Application US/08569063C
XX
CC  Sequence 23, Application US/08569063C
CC  Patent No. 5928939
CC  GENERAL INFORMATION:
CC      APPLICANT: ERIKSSON, Ulf
CC      APPLICANT: OLOFSSON, Birgitta
CC      APPLICANT: ALITALO, Kari
CC      APPLICANT: PAJUSOLA, Katri
CC      TITLE OF INVENTION:  VASCULAR ENDOTHELIAL GROWTH FACTOR-B AND
CC      TITLE OF INVENTION:  DNA CODING THEREFOR
CC      NUMBER OF SEQUENCES: 23
CC      CORRESPONDENCE ADDRESS:
CC          ADDRESSEE: Evenson, McKeown, Edwards & Lenahan, P.L.L.C.
CC          STREET: 1200 G Street, N.W., Suite 700
CC          CITY: Washington
CC          STATE: DC
CC          COUNTRY: USA
CC          ZIP: 20005
CC      COMPUTER READABLE FORM:
CC          MEDIUM TYPE: Floppy disk
CC          COMPUTER: IBM PC compatible
CC          OPERATING SYSTEM: PC-DOS/MS-DOS
CC          SOFTWARE: PatentIn Release #1.0, Version #1.25
CC      CURRENT APPLICATION DATA:
CC          APPLICATION NUMBER: US/08/569,063C
CC          FILING DATE: 06-DEC-1995
CC      PRIOR APPLICATION DATA:
CC          APPLICATION NUMBER: US 08/469,427
CC          FILING DATE: 06-JUN-1995
CC      PRIOR APPLICATION DATA:
CC          APPLICATION NUMBER: US 08/397,651
CC          FILING DATE: 01-MAR-1995
CC      ATTORNEY/AGENT INFORMATION:
CC          NAME: EVANS, Joseph D
CC          REGISTRATION NUMBER: 26,269
CC          REFERENCE/DOCKET NUMBER: 1064/41979CP3
CC      TELECOMMUNICATION INFORMATION:
CC          TELEPHONE: (202) 628-8800
CC          TELEFAX: (202) 628-8844
CC      INFORMATION FOR SEQ ID NO: 23:
CC      SEQUENCE CHARACTERISTICS:
CC          LENGTH: 241 amino acids
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CC          TYPE: amino acid
CC          STRANDEDNESS: single
CC          TOPOLOGY: linear
CC          MOLECULE TYPE: protein
SQ   SEQUENCE   241 AA; 27381 MW; 282823 CN;

Query Match             5.9%;    Score 6;  DB 2;  Length 241;
Best Local Similarity 100.0%;  Pred. No. 5.04e+01;
Matches     6;  Conservative     0;  Mismatches     0;  Indels     0;  Gaps     0;

Db   95 AECKTR 100
        ||||||
Qy   71 AECKTR 76

RESULT  46
ID   US-08-867-352-4        STANDARD;       PRT;       241 AA.
XX
AC   xxxxxx
XX

Sequence 4, Application US/08867352

XX
CC   Sequence 4, Application US/08867352
CC   Patent No. 6060273
CC   GENERAL INFORMATION:
CC   APPLICANT:
CC   TITLE OF INVENTION:  Multicistronic expression units and their use
CC   NUMBER OF SEQUENCES: 25
CC   COMPUTER READABLE FORM:
CC   MEDIUM TYPE: Floppy disk
CC   COMPUTER: IBM PC compatible
CC   OPERATING SYSTEM: PC-DOS/MS-DOS
CC   SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPA)
CC   CURRENT APPLICATION DATA:
CC   APPLICATION NUMBER: US/08/867,352
CC   FILING DATE:
CC   CLASSIFICATION:
CC   PRIOR APPLICATION DATA:
CC   APPLICATION NUMBER: 08/387,847
CC   FILING DATE:
CC   INFORMATION FOR SEQ ID NO: 4:
CC   SEQUENCE CHARACTERISTICS:
CC   LENGTH:  241 amino acids
CC   TYPE: amino acid
CC   TOPOLOGY: linear
CC   MOLECULE TYPE: protein
SQ   SEQUENCE   241 AA; 27283 MW; 285581 CN;

Query Match             5.9%;    Score 6;  DB 3;  Length 241;
Best Local Similarity 100.0%;  Pred. No. 5.04e+01;
Matches     6;  Conservative     0;  Mismatches     0;  Indels     0;  Gaps     0;

Db   95 AECKTR 100
        ||||||
Qy   71 AECKTR 76

RESULT  47
ID   US-08-469-427A-13       STANDARD;       PRT;       241 AA.
XX
AC   xxxxxx
XX
DT
XX
DE   Sequence 13, Application US/08469427A

CC   Sequence 13, Application US/08469427A
CC   Patent No. 5607918
CC   GENERAL INFORMATION:
CC   APPLICANT: Eriksson, Ulf
CC   APPLICANT: Olofsson, Birgitta
```

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CC   APPLICANT: Alitalo, Kari
CC   APPLICANT: Pajusola, Katri
CC   TITLE OF INVENTION:  VASCULAR ENDOTHELIAL GROWTH FACTOR-B AND
CC   TITLE OF INVENTION:  DNA CODING THEREFOR
CC   NUMBER OF SEQUENCES: 17
CC   CORRESPONDENCE ADDRESS:
CC   ADDRESSEE: Evenson, McKeown, Edwards & Lenahan
CC   STREET: 1200 G Street, N.W., Suite 700
CC   CITY: Washington
CC   STATE: DC
CC   ZIP: 20005
CC   COMPUTER READABLE FORM:
CC   MEDIUM TYPE: Floppy disk
CC   COMPUTER: IBM PC compatible
CC   OPERATING SYSTEM: PC-DOS/MS-DOS
CC   SOFTWARE: PatentIn Release #1.0, Version #1.25
CC   CURRENT APPLICATION DATA:
CC   APPLICATION NUMBER: US/08/469,427A
CC   FILING DATE: 06-JUN-1995
CC   CLASSIFICATION: 435
CC   PRIOR APPLICATION DATA:
CC   APPLICATION NUMBER: US 08/397,651
CC   FILING DATE: 01-MAR-1995
CC   ATTORNEY/AGENT INFORMATION:
CC   NAME: Evans, Joseph D
CC   REGISTRATION NUMBER: 26,269
CC   REFERENCE/DOCKET NUMBER: 41979cp2
CC   TELECOMMUNICATION INFORMATION:
CC   TELEPHONE: (202) 628-8800
CC   TELEFAX: (202) 628-8844
CC   INFORMATION FOR SEQ ID NO: 13:
CC   SEQUENCE CHARACTERISTICS:
CC   LENGTH: 241 amino acids
CC   TYPE: amino acid
CC   STRANDEDNESS: single
CC   TOPOLOGY: linear
CC   MOLECULE TYPE: protein
SQ   SEQUENCE   241 AA; 27381 MW; 282823 CN;

Query Match             5.9%;    Score 6;  DB 1;  Length 241;
Best Local Similarity 100.0%;  Pred. No. 5.04e+01;
Matches     6;  Conservative     0;  Mismatches     0;  Indels     0;  Gaps     0;

Db   95 AECKTR 100
        ||||||
Qy   71 AECKTR 76

RESULT  48
ID   US-09-042-105-6        STANDARD;       PRT;       241 AA.
XX
AC   xxxxxx
XX
DT
XX
DE   Sequence 6, Application US/09042105

CC   Sequence 6, Application US/09042105
CC   Patent No. 6040157
CC   GENERAL INFORMATION:
CC   APPLICANT: HU, JING-SHAN
CC   APPLICANT: ROSEN, CRAIG A.
CC   APPLICANT: CAO, LIANG
CC   TITLE OF INVENTION:  VASCULAR ENDOTHELIAL GROWTH FACTOR 2
CC   NUMBER OF SEQUENCES: 35
CC   CORRESPONDENCE ADDRESS:
CC   ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX
CC   STREET: 1100 NEW YORK AVENUE
CC   CITY: WASHINGTON
CC   STATE: DC
CC   COUNTRY: USA
CC   ZIP: 20005
CC   COMPUTER READABLE FORM:
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CC   MEDIUM TYPE: Floppy disk
CC   COMPUTER: IBM PC compatible
CC   OPERATING SYSTEM: PC-DOS/MS-DOS
CC   SOFTWARE: PatentIn Release #1.0, Version #1.30
CC   CURRENT APPLICATION DATA:
CC   APPLICATION NUMBER: US/09/042,105
CC   FILING DATE: HEREWITH
CC   CLASSIFICATION:
CC   PRIOR APPLICATION DATA:
CC   APPLICATION NUMBER: US 08/207,550
CC   FILING DATE: 8-MAR-1994
CC   CLASSIFICATION:
CC   PRIOR APPLICATION DATA:
CC   APPLICATION NUMBER: US 08/465,968
CC   FILING DATE: 06-JUN-1995
CC   CLASSIFICATION:
CC   PRIOR APPLICATION DATA:
CC   APPLICATION NUMBER: TO BE ASSIGNED
CC   FILING DATE: 24-DEC-1997
CC   CLASSIFICATION:
CC   ATTORNEY/AGENT INFORMATION:
CC   NAME: ERIC K. STEFFE
CC   REGISTRATION NUMBER: 36,688
CC   REFERENCE/DOCKET NUMBER: 1488.1000003/EKS
CC   TELECOMMUNICATION INFORMATION:
CC   TELEPHONE: (202)371-2600
CC   TELEFAX: (202)371-2540
CC   INFORMATION FOR SEQ ID NO: 6:
CC   SEQUENCE CHARACTERISTICS:
CC   LENGTH: 241 amino acids
CC   TYPE: amino acid
CC   STRANDEDNESS: single
CC   TOPOLOGY: not relevant
CC   MOLECULE TYPE: protein
SQ   SEQUENCE   241 AA;   27283 MW;   285581 CN;

Query Match          5.9%;   Score 6;   DB 3;   Length 241;
Best Local Similarity 100.08%;   Pred. No. 5.04e+01;   Mismatches 0;   Indels 0;   Gaps 0;
Matches    6;   Conservative    6;

Db   95 AECKTR 100
        ||||||
Qy   71 AECKTR 76

RESULT 49
ID   US-08-989-251-29       STANDARD;       PRT;       241 AA.
XX
AC   xxxxxx
XX
DT
XX
DE   Sequence 29, Application US/08989251
XX
CC   Sequence 29, Application US/08989251
CC   Patent No. 6017731
CC   GENERAL INFORMATION:
CC   APPLICANT: Tekamp-Olson, Patricia
CC   TITLE OF INVENTION: METHOD FOR EXPRESSION OF HETEROLOGOUS
CC   TITLE OF INVENTION: PROTEINS IN YEAST
CC   NUMBER OF SEQUENCES: 41
CC   CORRESPONDENCE ADDRESS:
CC   ADDRESSEE: Bell Seltzer IP Group of Alston & Bird, LLP
CC   STREET: 3605 Glenwood Ave. Suite 310
CC   CITY: Raleigh
CC   STATE: NC
CC   COUNTRY: US
CC   ZIP: 27622
CC   COMPUTER READABLE FORM:
CC   MEDIUM TYPE: Floppy disk
CC   COMPUTER: IBM PC compatible
CC   OPERATING SYSTEM: PC-DOS/MS-DOS
CC   SOFTWARE: PatentIn Release #1.0, Version #1.30


CC   CURRENT APPLICATION DATA:
CC   APPLICATION NUMBER: US/08/989,251
CC   FILING DATE:
CC   CLASSIFICATION:
CC   ATTORNEY/AGENT INFORMATION:
CC   NAME: Spruill, W. Murray
CC   REGISTRATION NUMBER: 32,943
CC   REFERENCE/DOCKET NUMBER: 5784-4
CC   TELECOMMUNICATION INFORMATION:
CC   TELEPHONE: 919 420 2202
CC   TELEFAX: 919 881 3175
CC   INFORMATION FOR SEQ ID NO: 29:
CC   SEQUENCE CHARACTERISTICS:
CC   LENGTH: 241 amino acids
CC   TYPE: amino acid
CC   TOPOLOGY: linear
CC   MOLECULE TYPE: protein
SQ   SEQUENCE   241 AA;   27283 MW;   285581 CN;

Query Match          5.9%;   Score 6;   DB 3;   Length 241;
Best Local Similarity 100.0%;   Pred. No. 5.04e+01;   Mismatches 0;   Indels 0;   Gaps 0;
Matches    6;   Conservative    6;

Db   95 AECKTR 100
        ||||||
Qy   71 AECKTR 76

RESULT 50
ID   US-08-999-811-6       STANDARD;       PRT;       241 AA.
XX
AC   xxxxxx
XX
DT
XX
DE   Sequence 6, Application US/08999811
XX
CC   Sequence 6, Application US/08999811
CC   Patent No. 5932540
CC   GENERAL INFORMATION:
CC   APPLICANT: HU, JING-SHAN
CC   APPLICANT: ROSEN, CRAIG A.
CC   APPLICANT: CAO, LIANG
CC   TITLE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR 2
CC   NUMBER OF SEQUENCES: 15
CC   CORRESPONDENCE ADDRESS:
CC   ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX
CC   STREET: 1100 NEW YORK AVENUE
CC   CITY: WASHINGTON
CC   STATE: DC
CC   COUNTRY: USA
CC   ZIP: 20005
CC   COMPUTER READABLE FORM:
CC   MEDIUM TYPE: Floppy disk
CC   COMPUTER: IBM PC compatible
CC   OPERATING SYSTEM: PC-DOS/MS-DOS
CC   SOFTWARE: PatentIn Release #1.0, Version #1.30
CC   CURRENT APPLICATION DATA:
CC   APPLICATION NUMBER: US 08/999,811
CC   FILING DATE: HEREWITH
CC   CLASSIFICATION:
CC   PRIOR APPLICATION DATA:
CC   APPLICATION NUMBER: US 08/207,550
CC   FILING DATE: 8-MAR-1994
CC   PRIOR APPLICATION DATA:
CC   APPLICATION NUMBER: US 08/465,968
CC   FILING DATE: 06-JUN-1995
CC   ATTORNEY/AGENT INFORMATION:
CC   NAME: MARKOWICZ, KAREN R.
CC   REGISTRATION NUMBER: 36,351
CC   REFERENCE/DOCKET NUMBER: 1488.1000004
CC   TELECOMMUNICATION INFORMATION:
CC   TELEPHONE: (202)371-2600
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CC   TELEFAX: (202)371-2540
CC INFORMATION FOR SEQ ID NO: 6:
CC   SEQUENCE CHARACTERISTICS:
CC   LENGTH: 241 amino acids
CC   TYPE: amino acid
CC   STRANDEDNESS: single
CC   TOPOLOGY: not relevant
CC   MOLECULE TYPE: protein
SQ SEQUENCE 241 AA; 27283 MW; 285581 CN;

Query Match   5.9%; Score 6; DB 2; Length 241;
Best Local Similarity 100.0%; Pred. No. 5.04e+01;
Matches   6; Conservative   0; Mismatches   0; Indels   0; Gaps   0;

Db   95 AECKTR 100
          ||||||
Qy   71 AECKTR 76

RESULT 51
US-08-824-996-8   STANDARD;   PRT;   241 AA.

xxxxxx

XX
DT
XX
DE Sequence 8, Application US/08824996B
XX
CC Sequence 8, Application US/08824996B
CC Patent No. 5935820
CC GENERAL INFORMATION:
CC   APPLICANT: Hu, Jing-Shan
CC   APPLICANT: Rosen, Craig A.
CC   APPLICANT: Cao, Liang
CC   TITLE OF INVENTION: Polynucelotides Encoding Vascular Endothelial Growth
CC   TITLE OF INVENTION: Factor 2
CC   FILE REFERENCE: PF112D1
CC   CURRENT APPLICATION NUMBER: US/08/824,996B
CC   CURRENT FILING DATE: 1997-03-27
CC   EARLIER APPLICATION NUMBER: 08/207,550
CC   EARLIER FILING DATE: 1994-03-08
CC   NUMBER OF SEQ ID NOS: 9
CC   SOFTWARE: PatentIn Ver. 2.0
XX
CC SEQ ID NO 8
CC   LENGTH: 241
CC   TYPE: PRT
CC   ORGANISM: Homo sapiens
SQ SEQUENCE 241 AA; 27283 MW; 285581 CN;

Query Match   5.9%; Score 6; DB 2; Length 241;
Best Local Similarity 100.0%; Pred. No. 5.04e+01;
Matches   6; Conservative   0; Mismatches   0; Indels   0; Gaps   0;

Db   95 AECKTR 100
          ||||||
Qy   71 AECKTR 76

RESULT 52
ID US-08-948-616-9   STANDARD;   PRT;   254 AA.
XX
AC xxxxxx
XX
DT
XX
DE Sequence 9, Application US/08948616
XX
CC Sequence 9, Application US/08948616
CC Patent No. 5840539
CC GENERAL INFORMATION:
CC   APPLICANT: Hillman, Jennifer L.
CC   APPLICANT: Lal, Preeti
CC   APPLICANT: Shah, Purvi

CC   APPLICANT: Corley, Neil C.
CC   TITLE OF INVENTION: VESICLE TRANSPORT ASSOCIATED PROTEINS
CC   NUMBER OF SEQUENCES: 11
CC   CORRESPONDENCE ADDRESS:
CC   ADDRESSEE: Incyte Pharmaceuticals, Inc.
CC   STREET: 3174 Porter Drive
CC   CITY: Palo Alto
CC   STATE: CA
CC   COUNTRY: USA
CC   ZIP: 94304
CC   COMPUTER READABLE FORM:
CC   MEDIUM TYPE: Diskette
CC   COMPUTER: IBM Compatible
CC   OPERATING SYSTEM: DOS
CC   SOFTWARE: FastSEQ for Windows Version 2.0
CC   CURRENT APPLICATION DATA:
CC   APPLICATION NUMBER: US/08/948,616
CC   FILING DATE: Herewith
CC   CLASSIFICATION: 530
CC   PRIOR APPLICATION DATA:
CC   APPLICATION NUMBER:
CC   FILING DATE:
CC   ATTORNEY/AGENT INFORMATION:
CC   NAME: Billings, Lucy J.
CC   REGISTRATION NUMBER: 36,749
CC   REFERENCE/DOCKET NUMBER: PF-0409 US
CC   TELECOMMUNICATION INFORMATION:
CC   TELEPHONE: 650-855-0555
CC   TELEFAX: 650-845-4166
CC   TELEX:
CC INFORMATION FOR SEQ ID NO: 9:
CC   SEQUENCE CHARACTERISTICS:
CC   LENGTH: 254 amino acids
CC   TYPE: amino acid
CC   STRANDEDNESS: single
CC   TOPOLOGY: linear
CC   IMMEDIATE SOURCE:
CC   LIBRARY: GenBank
CC   CLONE: 1223894
SQ SEQUENCE 254 AA; 28544 MW; 318736 CN;

Query Match   5.9%; Score 6; DB 2; Length 254;
Best Local Similarity 100.0%; Pred. No. 5.04e+01;
Matches   6; Conservative   0; Mismatches   0; Indels   0; Gaps   0;

Db   133 STKINL 138
           ||||||
Qy   82 STKINL 87

RESULT 53
ID US-09-193-510-9   STANDARD;   PRT;   254 AA.
XX
AC xxxxxx
XX
DT
XX
DE Sequence 9, Application US/09193510
XX
CC Sequence 9, Application US/09193510
CC Patent No. 5981226
CC GENERAL INFORMATION:
CC   APPLICANT: Hillman, Jennifer L.
CC   APPLICANT: Lal, Preeti
CC   APPLICANT: Shah, Purvi
CC   APPLICANT: Corley, Neil C.
CC   TITLE OF INVENTION: VESICLE TRANSPORT ASSOCIATED PROTEINS
CC   NUMBER OF SEQUENCES: 11
CC   CORRESPONDENCE ADDRESS:
CC   ADDRESSEE: Incyte Pharmaceuticals, Inc.
CC   STREET: 3174 Porter Drive
CC   CITY: Palo Alto
CC   STATE: CA

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CC    COUNTRY: USA
CC    ZIP: 94304
CC    COMPUTER READABLE FORM:
CC    MEDIUM TYPE: Diskette
CC    COMPUTER: IBM Compatible
CC    OPERATING SYSTEM: DOS
CC    SOFTWARE: FastSEQ for Windows Version 2.0
CC    CURRENT APPLICATION DATA:
CC    APPLICATION NUMBER: US/09/193,510
CC    FILING DATE:
CC    CLASSIFICATION:
CC    PRIOR APPLICATION DATA:
CC    APPLICATION NUMBER: 08/948,616
CC    FILING DATE:
CC    ATTORNEY/AGENT INFORMATION:
CC    NAME: Billings, Lucy J.
CC    REGISTRATION NUMBER: 36,749
CC    REFERENCE/DOCKET NUMBER: PF-0409 US
CC    TELECOMMUNICATION INFORMATION:
CC    TELEPHONE: 650-855-0555
CC    TELEFAX: 650-845-4166
CC    TELEX:
CC
CC    INFORMATION FOR SEQ ID NO: 9:
CC    SEQUENCE CHARACTERISTICS:
CC    LENGTH: 254 amino acids
CC    TYPE: amino acid
CC    STRANDEDNESS: single
CC    TOPOLOGY: linear
CC    IMMEDIATE SOURCE:
CC    LIBRARY: GenBank
CC    CLONE: 1223894
SQ    SEQUENCE    254 AA; 28544 MW; 318736 CN;

Query Match         5.9%;    Score 6;  DB 2;  Length 254;
Best Local Similarity 100.0%;   Pred. No. 5.04e+01;
Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Db   133 STKINL 138
         |||||
Qy    82 STKINL 87

RESULT 54
ID   US-08-622-352A-2    STANDARD;    PRT;    261 AA.
XX
AC   xxxxxx

DE   Sequence 2, Application US/08622352A
XX
CC   Sequence 2, Application US/08622352A
CC   Patent No. 5824546
CC   GENERAL INFORMATION:
CC   APPLICANT: Bishai, William R.
CC   APPLICANT: DeMaio, James
CC   TITLE OF INVENTION: REGULATION OF A SIGMA FACTOR
CC   TITLE OF INVENTION: FROM MYCOBACTERIUM TUBERCULOSIS
CC   NUMBER OF SEQUENCES: 11
CC   CORRESPONDENCE ADDRESS:
CC   ADDRESSEE: Pillsbury Madison & Sutro, L.L.P.
CC   STREET: 1100 New York Avenue, N.W.
CC   CITY: Washington
CC   STATE: DC
CC   COUNTRY: USA
CC   ZIP: 20005-3918
CC   COMPUTER READABLE FORM:
CC   MEDIUM TYPE: Floppy disk
CC   COMPUTER: IBM PC compatible
CC   OPERATING SYSTEM: PC-DOS/MS-DOS
CC   SOFTWARE: Word Perfect
CC   CURRENT APPLICATION DATA:
CC   APPLICATION NUMBER: US/08/622,352A

CC    FILING DATE: 27-MAR-1996
CC    CLASSIFICATION: 435
CC    INFORMATION FOR SEQ ID NO: 2:
CC    SEQUENCE CHARACTERISTICS:
CC    LENGTH: 261 amino acids
CC    TYPE: amino acid
CC    TOPOLOGY: linear
CC    MOLECULE TYPE: protein
CC    HYPOTHETICAL: NO
CC    ORIGINAL SOURCE:
CC    ORGANISM: Mycobacterium tuberculosis
SQ    SEQUENCE  261 AA; 28779 MW; 317415 CN;

Query Match         5.9%;    Score 6;  DB 2;  Length 261;
Best Local Similarity 100.0%;   Pred. No. 5.04e+01;
Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Db   145 SELAAE 150
         ||||||
Qy    67 SELAAE 72

RESULT 55
ID   US-08-622-353-2    STANDARD;    PRT;    261 AA.
XX
AC   xxxxxx
XX
DT
XX
DE   Sequence 2, Application US/08622353
XX
CC   Sequence 2, Application US/08622353
CC   Patent No. 5700925
CC   GENERAL INFORMATION:
CC   APPLICANT: Bishai, William R.
CC   APPLICANT: Young, Douglas B.
CC   APPLICANT: Zhang, Ying
CC   APPLICANT: DeMaio, James
CC   TITLE OF INVENTION: A STATIONARY PHASE, STRESS RESPONSE
CC   TITLE OF INVENTION: SIGMA FACTOR FROM MYCOBACTERIUM TUBERCULOSIS
CC   NUMBER OF SEQUENCES: 9
CC   CORRESPONDENCE ADDRESS:
CC   ADDRESSEE: Banner & Allegretti, LTD
CC   STREET: 1001 G Street, eleventh floor
CC   CITY: NW
CC   STATE: Washington DC
CC   COUNTRY: USA
CC   ZIP: 20001
CC   COMPUTER READABLE FORM:
CC   MEDIUM TYPE: Floppy disk
CC   COMPUTER: IBM PC compatible
CC   OPERATING SYSTEM: PC-DOS/MS-DOS
CC   SOFTWARE: PatentIn Release #1.0, Version #1.25
CC   CURRENT APPLICATION DATA:
CC   APPLICATION NUMBER: US/08/622,353
CC   FILING DATE:
CC   CLASSIFICATION: 435
CC   ATTORNEY/AGENT INFORMATION:
CC   NAME: Hoscheit, Dale
CC   REGISTRATION NUMBER: 19090
CC   REFERENCE/DOCKET NUMBER: 3181.51220
CC   TELECOMMUNICATION INFORMATION:
CC   TELEPHONE: 202-508-9100
CC   TELEFAX: 202-508-9299
CC   INFORMATION FOR SEQ ID NO: 2:
CC   SEQUENCE CHARACTERISTICS:
CC   LENGTH: 261 amino acids
CC   TYPE: amino acid
CC   TOPOLOGY: linear
CC   MOLECULE TYPE: protein
CC   HYPOTHETICAL: NO
CC   ORIGINAL SOURCE:
CC   ORGANISM: Mycobacterium tuberculosis
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SQ   SEQUENCE   261 AA; 28779 MW; 317415 CN;

     Query Match      5.9%;   Score 6;  DB 1; Length 261;
     Best Local Similarity 100.0%;  Pred. No. 5.04e+01;
     Matches    6;  Conservative   0;  Mismatches   0;  Indels   0;  Gaps   0;

Db    145 SELAAE 150
           ||||||
Qy     67 SELAAE 72

RESULT  56
ID   US-08-445-847A-1       STANDARD;       PRT;       282 AA.
XX
AC   xxxxxx
XX
DT
XX
DE   Sequence 1, Application US/08445847A
XX
     Sequence 1, Application US/08445847A
     Patent No. 5705484
CC   GENERAL INFORMATION:
CC    APPLICANT: Thomason, Arlen R.
CC    TITLE OF INVENTION:  Biologically Active
CC    TITLE OF INVENTION:  Polypeptide Fusion Dimers
CC    NUMBER OF SEQUENCES:  9
CC    CORRESPONDENCE ADDRESS:
CC     ADDRESSEE: Amgen Inc.
CC     STREET:  1840 Dehavilland Dr.
CC     CITY:  Thousand Oaks
CC     STATE:  California
CC     COUNTRY:  USA
CC     ZIP:  91320-1789
CC    COMPUTER READABLE FORM:
CC     MEDIUM TYPE:  Diskette, 3.5 in., DS, 1.4 MB
CC     COMPUTER:  Apple Macintosh
CC     OPERATING SYSTEM:  Macintosh OS 7.0
CC     SOFTWARE:  Microsoft Word Version 5.0
CC    CURRENT APPLICATION DATA:
CC     APPLICATION NUMBER:  US/08/445,847A
CC     FILING DATE:  22MAY1995
CC     CLASSIFICATION:  514
CC    INFORMATION FOR SEQ ID NO:  1:
CC    SEQUENCE CHARACTERISTICS:
CC     LENGTH:  282 amino acid residues
CC     TYPE:  amino acid
CC     STRANDEDNESS:
CC     TOPOLOGY:  linear
CC     MOLECULE TYPE:  polypeptide
SQ   SEQUENCE   282 AA; 31703 MW; 384837 CN;

     Query Match      5.9%;   Score 6;  DB 1; Length 282;
     Best Local Similarity 100.0%;  Pred. No. 5.04e+01;
     Matches    6;  Conservative   0;  Mismatches   0;  Indels   0;  Gaps   0;

Db     14 AECKTR 19
           ||||||
Qy     71 AECKTR 76

RESULT  57
ID   US-08-651-136C-20      STANDARD;       PRT;       293 AA.
XX
AC   xxxxxx
XX
DT
XX
DE   Sequence 20, Application US/08651136C
XX
     Sequence 20, Application US/08651136C
     Patent No. 6001639
CC   GENERAL INFORMATION:


CC    APPLICANT:  Schulein, Martin
CC    APPLICANT:  Andersen, Lene N.
CC    APPLICANT:  Lassen, Soren F.
CC    APPLICANT:  Kauppinen, Markus S.
CC    APPLICANT:  Lange, Lene
CC    APPLICANT:  Nielsen, Ruby I.
CC    APPLICANT:  Ihara, Michiko
CC    APPLICANT:  Takagi, Shinobu
CC    TITLE OF INVENTION:  No. 6001639el Endoglucanases
CC    NUMBER OF SEQUENCES:  109
CC    CORRESPONDENCE ADDRESS:
CC     ADDRESSEE:  No. 6001639o No. 6001639disk of No. 6001639th America, Inc.
CC     STREET:  405 Lexington Avenue, 64th Floor
CC     CITY:  New York
CC     STATE:  New York
CC     COUNTRY:  United States of America
CC     ZIP:  10174-6401
CC    COMPUTER READABLE FORM:
CC     MEDIUM TYPE:  Floppy disk
CC     COMPUTER:  IBM PC compatible
CC     OPERATING SYSTEM:  PC-DOS/MS-DOS
CC     SOFTWARE:  PatentIn Release #1.0, Version #1.30
CC    CURRENT APPLICATION DATA:
CC     APPLICATION NUMBER:  US/08/651,136C
CC     FILING DATE:  21-MAY-1996
CC     CLASSIFICATION:  435
CC    ATTORNEY/AGENT INFORMATION:
CC     NAME:  Lambiris, Elias J.
CC     REGISTRATION NUMBER:  33,728
CC     REFERENCE/DOCKET NUMBER:  4366.200-US
CC    TELECOMMUNICATION INFORMATION:
CC     TELEPHONE:  212-867-0123
CC     TELEFAX:  212-878-9655
CC    INFORMATION FOR SEQ ID NO:  20:
CC    SEQUENCE CHARACTERISTICS:
CC     LENGTH:  293 amino acids
CC     TYPE:  amino acid
CC     TOPOLOGY:  linear
CC     MOLECULE TYPE:  protein
SQ   SEQUENCE   293 AA; 30183 MW; 466114 CN;

     Query Match      5.9%;   Score 6;  DB 3; Length 293;
     Best Local Similarity 100.0%;  Pred. No. 5.04e+01;
     Matches    6;  Conservative   0;  Mismatches   0;  Indels   0;  Gaps   0;

Db     94 LAGSSE 99
           ||||||
Qy     63 LAGSSE 68

RESULT  58
ID   US-08-651-136C-4       STANDARD;       PRT;       297 AA.
XX
AC   xxxxxx
XX
DT
XX
DE   Sequence 4, Application US/08651136C
XX
     Sequence 4, Application US/08651136C
     Patent No. 6001639
CC   GENERAL INFORMATION:
CC    APPLICANT:  Schulein, Martin
CC    APPLICANT:  Andersen, Lene N.
CC    APPLICANT:  Lassen, Soren F.
CC    APPLICANT:  Kauppinen, Markus S.
CC    APPLICANT:  Lange, Lene
CC    APPLICANT:  Nielsen, Ruby I.
CC    APPLICANT:  Ihara, Michiko
CC    APPLICANT:  Takagi, Shinobu
CC    TITLE OF INVENTION:  No. 6001639el Endoglucanases
CC    NUMBER OF SEQUENCES:  109
CC    CORRESPONDENCE ADDRESS:
```

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CC          ADDRESSEE: No. 6001639o No. 6001639disk of No. 6001639th America, Inc.
CC          STREET: 405 Lexington Avenue, 64th Floor
CC          CITY: New York
CC          STATE: New York
CC          COUNTRY: United States of America
CC          ZIP: 10174-6401
CC        COMPUTER READABLE FORM:
CC          MEDIUM TYPE: Floppy disk
CC          COMPUTER: IBM PC compatible
CC          OPERATING SYSTEM: PC-DOS/MS-DOS
CC          SOFTWARE: PatentIn Release #1.0, Version #1.30
CC        CURRENT APPLICATION DATA:
CC          APPLICATION NUMBER: US/08/651,136C
CC          FILING DATE: 21-MAY-1996
CC          CLASSIFICATION: 435
CC        ATTORNEY/AGENT INFORMATION:
CC          NAME: Lambiris, Elias J.
CC          REGISTRATION NUMBER: 33,728
CC          REFERENCE/DOCKET NUMBER: 4366.200-US
CC        TELECOMMUNICATION INFORMATION:
CC          TELEPHONE: 212-867-0123
CC          TELEFAX: 212-878-9655
CC      INFORMATION FOR SEQ ID NO: 4:
CC        SEQUENCE CHARACTERISTICS:
CC          LENGTH: 297 amino acids
CC          TYPE: amino acid
CC          TOPOLOGY: linear
CC        MOLECULE TYPE: protein
SQ      SEQUENCE  297 AA;  31092 MW;  482392 CN;

Query Match     5.9%;  Score  6;  DB 3;  Length 297;
  Best Local Similarity 100.0%;  Pred. No. 5.04e+01;  Indels  0;  Gaps  0;
    Matches    6;  Conservative   0;  Mismatches   0;

Db         98 LAGSSE 103
              ||||||
Qy         63 LAGSSE 68

RESULT 59
ID   US-08-651-136C-18        STANDARD;      PRT;      298 AA.
XX
AC   xxxxxx
XX
DT
XX
CC   Sequence 18, Application US/08651136C
CC
CC   Sequence 18, Application US/08651136C
CC   Patent No. 6001639
CC     GENERAL INFORMATION:
CC       APPLICANT: Schulein, Martin
CC       APPLICANT: Andersen, Lene N.
CC       APPLICANT: Lassen, Soren F.
CC       APPLICANT: Kauppinen, Markus S.
CC       APPLICANT: Lange, Lene
CC       APPLICANT: Nielsen, Ruby I.
CC       APPLICANT: Ihara, Michiko
CC       APPLICANT: Takagi, Shinobu
CC       TITLE OF INVENTION: No. 6001639el Endoglucanases
CC       NUMBER OF SEQUENCES: 109
CC       CORRESPONDENCE ADDRESS:
CC         ADDRESSEE: No. 6001639o No. 6001639disk of No. 6001639th America, Inc.
CC         STREET: 405 Lexington Avenue, 64th Floor
CC         CITY: New York
CC         STATE: New York
CC         COUNTRY: United States of America
CC         ZIP: 10174-6401
CC       COMPUTER READABLE FORM:
CC         MEDIUM TYPE: Floppy disk
CC         COMPUTER: IBM PC compatible
CC         OPERATING SYSTEM: PC-DOS/MS-DOS
CC         SOFTWARE: PatentIn Release #1.0, Version #1.30
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CC        CURRENT APPLICATION DATA:
CC          APPLICATION NUMBER: US/08/651,136C
CC          FILING DATE: 21-MAY-1996
CC          CLASSIFICATION: 435
CC        ATTORNEY/AGENT INFORMATION:
CC          NAME: Lambiris, Elias J.
CC          REGISTRATION NUMBER: 33,728
CC          REFERENCE/DOCKET NUMBER: 4366.200-US
CC        TELECOMMUNICATION INFORMATION:
CC          TELEPHONE: 212-867-0123
CC          TELEFAX: 212-878-9655
CC      INFORMATION FOR SEQ ID NO: 18:
CC        SEQUENCE CHARACTERISTICS:
CC          LENGTH: 298 amino acids
CC          TYPE: amino acid
CC          TOPOLOGY: linear
CC        MOLECULE TYPE: protein
SQ      SEQUENCE  298 AA;  30762 MW;  481724 CN;

Query Match     5.9%;  Score  6;  DB 3;  Length 298;
  Best Local Similarity 100.0%;  Pred. No. 5.04e+01;  Indels  0;  Gaps  0;
    Matches    6;  Conservative   0;  Mismatches   0;

Db         99 LAGSSE 104
              ||||||
Qy         63 LAGSSE 68

RESULT 60
ID   US-09-193-510-3        STANDARD;      PRT;      307 AA.
XX
AC   xxxxxx
XX
DT
XX
DE
XX
CC   Sequence 3, Application US/09193510
CC
CC   Sequence 3, Application US/09193510
CC   Patent No. 5981226
CC     GENERAL INFORMATION:
CC       APPLICANT: Hillman, Jennifer L.
CC       APPLICANT: Lal, Preeti
CC       APPLICANT: Shah, Purvi
CC       APPLICANT: Corley, Neil C.
CC       TITLE OF INVENTION: VESICLE TRANSPORT ASSOCIATED PROTEINS
CC       NUMBER OF SEQUENCES: 11
CC       CORRESPONDENCE ADDRESS:
CC         ADDRESSEE: Incyte Pharmaceuticals, Inc.
CC         STREET: 3174 Porter Drive
CC         CITY: Palo Alto
CC         STATE: CA
CC         COUNTRY: USA
CC         ZIP: 94304
CC       COMPUTER READABLE FORM:
CC         MEDIUM TYPE: Diskette
CC         COMPUTER: IBM Compatible
CC         OPERATING SYSTEM: DOS
CC         SOFTWARE: FastSEQ for Windows Version 2.0
CC       CURRENT APPLICATION DATA:
CC         APPLICATION NUMBER: US/09/193,510
CC         FILING DATE:
CC         CLASSIFICATION:
CC       PRIOR APPLICATION DATA:
CC         APPLICATION NUMBER: 08/948,616
CC         FILING DATE:
CC       ATTORNEY/AGENT INFORMATION:
CC         NAME: Billings, Lucy J.
CC         REGISTRATION NUMBER: 36,749
CC         REFERENCE/DOCKET NUMBER: PF-0409 US
CC       TELECOMMUNICATION INFORMATION:
CC         TELEPHONE: 650-855-0555
CC         TELEFAX: 650-845-4166
CC         TELEX:
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CC   INFORMATION FOR SEQ ID NO: 3:
CC     SEQUENCE CHARACTERISTICS:
CC       LENGTH: 307 amino acids
CC       TYPE: amino acid
CC       STRANDEDNESS: single
CC       TOPOLOGY: linear
CC     IMMEDIATE SOURCE:
CC       LIBRARY: LUNGTUT07
CC       CLONE: 2607662
SQ   SEQUENCE   307 AA; 34947 MW; 494826 CN;

Query Match             5.9%;
Best Local Similarity 100.0%;
Matches    6; Conservative    0; Mismatches    0; Indels    0; Gaps    0;

Db   133 STKINL 138
         ||||||
Qy    82 STKINL 87

RESULT 61
US-08-948-616-3         STANDARD;       PRT;        307 AA.
AC   xxxxxx
XX
DT
XX
DE   Sequence 3, Application US/08948616
XX
CC
CC   Sequence 3, Application US/08948616
CC   Patent No. 5840539
CC   GENERAL INFORMATION:
CC     APPLICANT: Hillman, Jennifer L.
CC     APPLICANT: Lal, Preeti
CC     APPLICANT: Shah, Purvi
CC     APPLICANT: Corley, Neil C.
CC   TITLE OF INVENTION: VESICLE TRANSPORT ASSOCIATED PROTEINS
CC   NUMBER OF SEQUENCES: 11
CC   CORRESPONDENCE ADDRESS:
CC     ADDRESSEE: Incyte Pharmaceuticals, Inc.
CC     STREET: 3174 Porter Drive
CC     CITY: Palo Alto
CC     STATE: CA
CC     COUNTRY: USA
CC     ZIP: 94304
CC   COMPUTER READABLE FORM:
CC     MEDIUM TYPE: Diskette
CC     COMPUTER: IBM Compatible
CC     OPERATING SYSTEM: DOS
CC     SOFTWARE: FastSEQ for Windows Version 2.0
CC   CURRENT APPLICATION DATA:
CC     APPLICATION NUMBER: US/08/948,616
CC     FILING DATE: Herewith
CC     CLASSIFICATION: 530
CC   PRIOR APPLICATION DATA:
CC     APPLICATION NUMBER:
CC     FILING DATE:
CC   ATTORNEY/AGENT INFORMATION:
CC     NAME: Billings, Lucy J.
CC     REGISTRATION NUMBER: 36,749
CC     REFERENCE/DOCKET NUMBER: PF-0409 US
CC   TELECOMMUNICATION INFORMATION:
CC     TELEPHONE: 650-855-0555
CC     TELEFAX: 650-845-4166
CC     TELEX:
CC   INFORMATION FOR SEQ ID NO: 3:
CC     SEQUENCE CHARACTERISTICS:
CC       LENGTH: 307 amino acids
CC       TYPE: amino acid
CC       STRANDEDNESS: single
CC       TOPOLOGY: linear
CC     IMMEDIATE SOURCE:
CC       LIBRARY: LUNGTUT07
CC       CLONE: 2607662
SQ   SEQUENCE   307 AA; 34947 MW; 494826 CN;

Query Match             5.9%;
Best Local Similarity 100.0%;
Matches    6; Conservative    0; Mismatches    0; Indels    0; Gaps    0;

Db   133 STKINL 138
         ||||||
Qy    82 STKINL 87

RESULT 62
ID   US-08-651-136C-6        STANDARD;       PRT;        308 AA.
XX
AC   xxxxxx
XX
DT
XX
DE   Sequence 6, Application US/08651136C
XX
CC
CC   Sequence 6, Application US/08651136C
CC   Patent No. 6001639
CC   GENERAL INFORMATION:
CC     APPLICANT: Schulein, Martin
CC     APPLICANT: Andersen, Lene N.
CC     APPLICANT: Lassen, Soren F.
CC     APPLICANT: Kauppinen, Markus S.
CC     APPLICANT: Lange, Lene
CC     APPLICANT: Nielsen, Ruby I.
CC     APPLICANT: Ihara, Michiko
CC     APPLICANT: Takagi, Shinobu
CC   TITLE OF INVENTION: No. 6001639el Endoglucanases
CC   NUMBER OF SEQUENCES: 109
CC   CORRESPONDENCE ADDRESS:
CC     ADDRESSEE: No. 6001639o No. 6001639disk of No. 6001639th America, Inc.
CC     STREET: 405 Lexington Avenue, 64th Floor
CC     CITY: New York
CC     STATE: New York
CC     COUNTRY: United States of America
CC     ZIP: 10174-6401
CC   COMPUTER READABLE FORM:
CC     MEDIUM TYPE: Floppy disk
CC     COMPUTER: IBM PC compatible
CC     OPERATING SYSTEM: PC-DOS/MS-DOS
CC     SOFTWARE: PatentIn Release #1.0, Version #1.30
CC   CURRENT APPLICATION DATA:
CC     APPLICATION NUMBER: US/08/651,136C
CC     FILING DATE: 21-MAY-1996
CC     CLASSIFICATION: 435
CC   ATTORNEY/AGENT INFORMATION:
CC     NAME: Lambiris, Elias J.
CC     REGISTRATION NUMBER: 33,728
CC     REFERENCE/DOCKET NUMBER: 4366.200-US
CC   TELECOMMUNICATION INFORMATION:
CC     TELEPHONE: 212-867-0123
CC     TELEFAX: 212-878-9655
CC   INFORMATION FOR SEQ ID NO: 6:
CC     SEQUENCE CHARACTERISTICS:
CC       LENGTH: 308 amino acids
CC       TYPE: amino acid
CC       TOPOLOGY: linear
CC     MOLECULE TYPE: protein
SQ   SEQUENCE   308 AA; 32263 MW; 512555 CN;

Query Match             5.9%;
Best Local Similarity 100.0%;
Matches    6; Conservative    0; Mismatches    0; Indels    0; Gaps    0;

Db    98 LAGSSE 103
         ||||||
Qy    63 LAGSSE 68
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RESULT 63
ID US-08-359-850-4   STANDARD;   PRT;   334 AA.
XX
AC xxxxxx
XX
DT
XX
DE
XX
CC Sequence 4, Application US/08359850
XX
CC Sequence 4, Application US/08359850
CC Patent No. 5951982
CC GENERAL INFORMATION:
CC   APPLICANT: Z ller, Margot
CC   APPLICANT: Herrlich, Peter
CC   APPLICANT: Ponta, Helmut
CC   TITLE OF INVENTION: Use of Antibody-Containing Preparations
CC   TITLE OF INVENTION: for Immunosuppression
CC   NUMBER OF SEQUENCES: 5
CC   CORRESPONDENCE ADDRESS:
CC   ADDRESSEE: Sterne, Kessler, Goldstein and Fox
CC   STREET: 1225 Connecticut Avenue
CC   CITY: Washington
CC   STATE: D.C.
CC   COUNTRY: U.S.A.
CC   ZIP: 20036
CC   COMPUTER READABLE FORM:
CC   MEDIUM TYPE: Floppy disk
CC   COMPUTER: IBM PC compatible
CC   OPERATING SYSTEM: PC-DOS/MS-DOS
CC   SOFTWARE: PatentIn Release #1.0, Version #1.25
CC   CURRENT APPLICATION DATA:
CC   APPLICATION NUMBER: US/08/359,850
CC   FILING DATE:
CC   CLASSIFICATION: 424
CC   PRIOR APPLICATION DATA:
CC   APPLICATION NUMBER: US/07/963,323
CC   FILING DATE:
CC   APPLICATION NUMBER: DE P 41 34 982.2
CC   FILING DATE: 23-OCT-1991
CC   TELECOMMUNICATION INFORMATION:
CC   TELEPHONE: (202) 833-7533
CC   TELEFAX: (202) 833-8716
CC INFORMATION FOR SEQ ID NO: 4:
CC   SEQUENCE CHARACTERISTICS:
CC   LENGTH: 334 amino acids
CC   TYPE: amino acid
CC   TOPOLOGY: linear
SQ SEQUENCE 334 AA; 36870 MW; 628479 CN;

Query Match   5.9%;   Score 6; DB 2; Length 334;
Best Local Similarity 100.0%; Pred. No. 5.04e+01;
Matches   6; Conservative   0; Mismatches   0; Indels   0; Gaps   0;

Db 328 NVDGSL 333
        ||||||
Qy   42 NVDGSL 47

RESULT 64
ID US-08-844-153-2   STANDARD;   PRT;   348 AA.
XX
AC xxxxxx
XX
DE Sequence 2, Application US/08844153
XX
CC Sequence 2, Application US/08844153
CC Patent No. 5958734
CC GENERAL INFORMATION:
CC   APPLICANT: Lawlor, Elizabeth
CC   TITLE OF INVENTION: No. 5958734el Compounds
CC   NUMBER OF SEQUENCES: 6
CC   CORRESPONDENCE ADDRESS:
CC   ADDRESSEE: SmithKline Beecham Corporation
CC   STREET: 709 Swedeland Road
CC   CITY: King of Prussia
CC   STATE: PA
CC   COUNTRY: USA
CC   ZIP: 19046
CC   COMPUTER READABLE FORM:
CC   MEDIUM TYPE: Diskette
CC   COMPUTER: IBM Compatible
CC   OPERATING SYSTEM: DOS
CC   SOFTWARE: FastSEQ for Windows Version 2.0
CC   CURRENT APPLICATION DATA:
CC   APPLICATION NUMBER: US/08/844,153
CC   FILING DATE: 18-APR-1997
CC   CLASSIFICATION: 536
CC   PRIOR APPLICATION DATA:
CC   APPLICATION NUMBER: 9607992.6
CC   FILING DATE: 18-APR-1996
CC   ATTORNEY/AGENT INFORMATION:
CC   NAME: Gimmi, Edward R
CC   REGISTRATION NUMBER: 38,891
CC   REFERENCE/DOCKET NUMBER: P31459
CC   TELECOMMUNICATION INFORMATION:
CC   TELEPHONE: 610-270-4478
CC   TELEFAX: 610-270-5090
CC   TELEX:
CC INFORMATION FOR SEQ ID NO: 2:
CC   SEQUENCE CHARACTERISTICS:
CC   LENGTH: 348 amino acids
CC   TYPE: amino acid
CC   STRANDEDNESS: single
CC   TOPOLOGY: linear
CC   MOLECULE TYPE: protein
SQ SEQUENCE 348 AA; 40119 MW; 585868 CN;

Query Match   5.9%;   Score 6; DB 2; Length 348;
Best Local Similarity 100.0%; Pred. No. 5.04e+01;
Matches   6; Conservative   0; Mismatches   0; Indels   0; Gaps   0;

Db 212 DDHIAN 217
        ||||||
Qy   88 DDHIAN 93

RESULT 65
ID US-07-946-497-5   STANDARD;   PRT;   355 AA.
XX
AC xxxxxx
XX
DT
XX
DE Sequence 5, Application US/07946497
XX
CC Sequence 5, Application US/07946497
CC Patent No. 5506119
CC GENERAL INFORMATION:
CC   APPLICANT: HERRLICH, Peter
CC   APPLICANT: PONTA, Helmut
CC   APPLICANT: GUENTHERT, Ursula
CC   APPLICANT: MATZKU, Siegfried
CC   APPLICANT: WENZL, Achim
CC   TITLE OF INVENTION: VARIANT CD44 SURFACE PROTEINS, DNA
CC   TITLE OF INVENTION: SEQUENCES CODING THESE, ANTIBODIES AGAINST THESE PROTEI
CC   TITLE OF INVENTION: AS WELL AS THEIR USE IN DIAGNOSIS AND THERAPY
CC   NUMBER OF SEQUENCES: 8
CC   CORRESPONDENCE ADDRESS:
CC   ADDRESSEE: Foley & Lardner
CC   STREET: 3000 K Street, N.W., Suite 500
CC   CITY: Washington, D.C.
CC   COUNTRY: USA
CC   ZIP: 20007-5109

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CC     COMPUTER READABLE FORM:
CC       MEDIUM TYPE: Floppy disk
CC       COMPUTER: IBM PC compatible
CC       OPERATING SYSTEM: PC-DOS/MS-DOS
CC       SOFTWARE: PatentIn Release #1.0, Version #1.25
CC     CURRENT APPLICATION DATA:
CC       APPLICATION NUMBER: US/07/946,497
CC       FILING DATE: 19921109
CC       CLASSIFICATION: 435
CC     ATTORNEY/AGENT INFORMATION:
CC       NAME: BENT, Stephen A.
CC       REGISTRATION NUMBER: 29,768
CC       REFERENCE/DOCKET NUMBER: 16915/145
CC     TELECOMMUNICATION INFORMATION:
CC       TELEPHONE: (202)672-5300
CC       TELEFAX: (202)672-5399
CC       TELEX: 904136
CC   INFORMATION FOR SEQ ID NO: 5:
CC     SEQUENCE CHARACTERISTICS:
CC       LENGTH: 355 amino acids
CC       TYPE: AMINO ACID
CC       TOPOLOGY: linear
CC     IMMEDIATE SOURCE:
CC       CLONE: rat protein
SQ   SEQUENCE  355 AA; 39023 MW; 704229 CN;

Query Match    5.9%;  Score 6; DB 1; Length 355;
Best Local Similarity 100.0%;  Pred. No. 5.04e+01;
Matches    6; Conservative  0; Mismatches  0; Indels  0; Gaps  0;

Db   347 NVDGSL 352
         ||||||
Qy    42 NVDGSL 47

RESULT  66
ID   US-08-478-882-5    STANDARD;   PRT;   355 AA.
XX
AC   xxxxxx
XX
DT
XX
DE   Sequence 5, Application US/08478882
XX
CC   Sequence 5, Application US/08478882
CC   Patent No. 5885575
CC   GENERAL INFORMATION:
CC     APPLICANT: HERRLICH, Peter
CC     APPLICANT: PONTA, Helmut
CC     APPLICANT: GUENTHERT, Ursula
CC     APPLICANT: MATZKU, Siegfried
CC     APPLICANT: WENZL, Achim
CC     TITLE OF INVENTION: VARIANT CD44 SURFACE PROTEINS, DNA
CC     TITLE OF INVENTION: SEQUENCES CODING THESE, ANTIBODIES AGAINST THESE PROTEINS,
CC     TITLE OF INVENTION: AS WELL AS THEIR USE IN DIAGNOSIS AND THERAPY
CC     NUMBER OF SEQUENCES: 8
CC     CORRESPONDENCE ADDRESS:
CC       ADDRESSEE: Foley & Lardner
CC       STREET: 3000 K Street, N.W., Suite 500
CC       CITY: Washington, D.C.
CC       COUNTRY: USA
CC       ZIP: 20007-5109
CC     COMPUTER READABLE FORM:
CC       MEDIUM TYPE: Floppy disk
CC       COMPUTER: IBM PC compatible
CC       OPERATING SYSTEM: PC-DOS/MS-DOS
CC       SOFTWARE: PatentIn Release #1.0, Version #1.25
CC     CURRENT APPLICATION DATA:
CC       APPLICATION NUMBER: US/08/478,882
CC       FILING DATE:
CC       CLASSIFICATION: 435
CC     PRIOR APPLICATION DATA:
CC       APPLICATION NUMBER: US/07/946,497
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CC       FILING DATE: 19921109
CC     ATTORNEY/AGENT INFORMATION:
CC       NAME: BENT, Stephen A.
CC       REGISTRATION NUMBER: 29,768
CC       REFERENCE/DOCKET NUMBER: 16915/145
CC     TELECOMMUNICATION INFORMATION:
CC       TELEPHONE: (202)672-5300
CC       TELEFAX: (202)672-5399
CC       TELEX: 904136
CC   INFORMATION FOR SEQ ID NO: 5:
CC     SEQUENCE CHARACTERISTICS:
CC       LENGTH: 355 amino acids
CC       TYPE: amino acid
CC       TOPOLOGY: linear
CC     IMMEDIATE SOURCE:
CC       CLONE: rat protein
SQ   SEQUENCE  355 AA; 39023 MW; 704229 CN;

Query Match    5.9%;  Score 6; DB 2; Length 355;
Best Local Similarity 100.0%;  Pred. No. 5.04e+01;
Matches    6; Conservative  0; Mismatches  0; Indels  0; Gaps  0;

Db   347 NVDGSL 352
         ||||||
Qy    42 NVDGSL 47

RESULT  67
ID   US-08-483-322-5    STANDARD;   PRT;   355 AA.
XX
AC   xxxxxx
XX
DT
XX
DE   Sequence 5, Application US/08483322
XX
CC   Sequence 5, Application US/08483322
CC   Patent No. 5760178
CC   GENERAL INFORMATION:
CC     APPLICANT: HERRLICH, Peter
CC     APPLICANT: PONTA, Helmut
CC     APPLICANT: GUENTHERT, Ursula
CC     APPLICANT: MATZKU, Siegfried
CC     APPLICANT: WENZL, Achim
CC     TITLE OF INVENTION: VARIANT CD44 SURFACE PROTEINS, DNA
CC     TITLE OF INVENTION: SEQUENCES CODING THESE, ANTIBODIES AGAINST THESE PROTEI
CC     TITLE OF INVENTION: AS WELL AS THEIR USE IN DIAGNOSIS AND THERAPY
CC     NUMBER OF SEQUENCES: 8
CC     CORRESPONDENCE ADDRESS:
CC       ADDRESSEE: Foley & Lardner
CC       STREET: 3000 K Street, N.W., Suite 500
CC       CITY: Washington, D.C.
CC       COUNTRY: USA
CC       ZIP: 20007-5109
CC     COMPUTER READABLE FORM:
CC       MEDIUM TYPE: Floppy disk
CC       COMPUTER: IBM PC compatible
CC       OPERATING SYSTEM: PC-DOS/MS-DOS
CC       SOFTWARE: PatentIn Release #1.0, Version #1.25
CC     CURRENT APPLICATION DATA:
CC       APPLICATION NUMBER: US/08/483,322
CC       FILING DATE: 07-JUN-1995
CC       CLASSIFICATION: 435
CC     PRIOR APPLICATION DATA:
CC       APPLICATION NUMBER: US 07/946,497
CC       FILING DATE: 09-NOV-1992
CC     ATTORNEY/AGENT INFORMATION:
CC       NAME: BENT, Stephen A.
CC       REGISTRATION NUMBER: 29,768
CC       REFERENCE/DOCKET NUMBER: 16915/145
CC     TELECOMMUNICATION INFORMATION:
CC       TELEPHONE: (202)672-5300
CC       TELEFAX: (202)672-5399
```

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CC    TELEX: 904136
CC  INFORMATION FOR SEQ ID NO: 5:
CC    SEQUENCE CHARACTERISTICS:
CC      LENGTH: 355 amino acids
CC      TYPE: amino acid
CC      TOPOLOGY: linear
CC    IMMEDIATE SOURCE:
CC      CLONE: rat protein
SQ  SEQUENCE  355 AA; 39023 MW; 704229 CN;

Query Match     5.9%;  Score 6;  DB 1; Length 355;
Best Local Similarity 100.0%;  Pred. No. 5.04e+01;
Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Db   347 NVDGSL 352
         ||||||
Qy    42 NVDGSL 47


RESULT  68
ID  US-08-415-751-36       STANDARD;   PRT;   361 AA.
XX
AC  xxxxxx
XX
DT
XX
DE  Sequence 36, Application US/08415751
XX
CC  Patent No. 5643772
CC  GENERAL INFORMATION:
CC    APPLICANT: PETERSEN, CAROLYN
CC    APPLICANT: LEECH, JAMES
CC    APPLICANT: NELSON, RICHARD, C.
CC    APPLICANT: GUT, JIRI
CC    TITLE OF INVENTION: POLYPEPTIDES BINDING ANTI-
CC    TITLE OF INVENTION: CRYPTOSPORIDIUM ANTIBODIES, DNA
CC    TITLE OF INVENTION: AND RNA ENCODING THEM, HYBRID
CC    TITLE OF INVENTION: VECTOR AND TRANSFORMED HOST AND
CC    TITLE OF INVENTION: METHODS FOR IMMUNOTHERAPY AND
CC    TITLE OF INVENTION: DIAGNOSIS AND KIT
CC    NUMBER OF SEQUENCES: 50
CC    CORRESPONDENCE ADDRESS:
CC      ADDRESSEE: PHILLIPS, MOORE, LEMPIO & FINLEY
CC      STREET: 385 Sherman Avenue, Suite 6
CC      CITY: Palo Alto
CC      STATE: California
CC      COUNTRY: United States of America
CC      ZIP: 94306-1840
CC    COMPUTER READABLE FORM:
CC      MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Kb storage
CC      COMPUTER: PC
CC      OPERATING SYSTEM: DOS
CC      SOFTWARE: Wordperfect 5.1
CC    CURRENT APPLICATION DATA:
CC      APPLICATION NUMBER: US/08/415,751
CC      FILING DATE: 03-APR-1995
CC      CLASSIFICATION: 435
CC    PRIOR APPLICATION DATA:
CC      APPLICATION NUMBER: 08/071,880
CC      FILING DATE: June 1, 1993
CC      APPLICATION NUMBER: 07/891,301
CC      FILING DATE: May 29, 1992
CC    ATTORNEY/AGENT INFORMATION:
CC      NAME: Hana Dolezalova
CC      REGISTRATION NUMBER: 30,518
CC      REFERENCE/DOCKET NUMBER: 480.19-2 (HHD)
CC    TELECOMMUNICATION INFORMATION:
CC      TELEPHONE: (415) 324-1677
CC      TELEFAX: (415) 324-1678
CC  INFORMATION FOR SEQ ID NO: 36:
CC    SEQUENCE CHARACTERISTICS:
CC      LENGTH: 361 amino acids


CC    TYPE: amino acid
CC    STRANDEDNESS: single
CC    TOPOLOGY: linear
CC    MOLECULE TYPE: peptide
CC    ORIGINAL SOURCE:
CC      ORGANISM: Cryptosporidium parvum
CC    FEATURE:
CC      NAME/KEY: Positions coded by nonsense codons are
CC      NAME/KEY: identified as Xaa.
SQ  SEQUENCE  361 AA; 40425 MW; 787927 CN;

Query Match     5.9%;  Score 6;  DB 1; Length 361;
Best Local Similarity 100.0%;  Pred. No. 5.04e+01;
Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Db   250 SVLTST 255
         ||||||
Qy    16 SVLTST 21


RESULT  69
ID  US-07-803-622E-9      STANDARD;    PRT;    375 AA.
XX
AC  xxxxxx
XX
DT
XX
DE  Sequence 9, Application US/07803622E
XX
CC  Sequence 9, Application US/07803622E
CC  Patent No. 5525497
CC  GENERAL INFORMATION:
CC    APPLICANT: Keller, Walter
CC    APPLICANT: Lingner, Joachim
CC    APPLICANT: Martin, Georges
CC    APPLICANT: Wahle, Elmar
CC    TITLE OF INVENTION: RECOMBINANT POLY(A) POLYMERASE
CC    NUMBER OF SEQUENCES: 9
CC    CORRESPONDENCE ADDRESS:
CC      ADDRESSEE: Lyon & Lyon
CC      STREET: 611 West Sixth Street
CC      CITY: Los Angeles
CC      STATE: CA
CC      COUNTRY: USA
CC      ZIP: 90017
CC    COMPUTER READABLE FORM:
CC      MEDIUM TYPE: Floppy disk
CC      COMPUTER: IBM PC compatible
CC      OPERATING SYSTEM: PC-DOS/MS-DOS
CC      SOFTWARE: PatentIn Release #1.0, Version #1.25
CC    CURRENT APPLICATION DATA:
CC      APPLICATION NUMBER: US/07/803,622E
CC      FILING DATE: 27-NOV-1991
CC      CLASSIFICATION: 435
CC    ATTORNEY/AGENT INFORMATION:
CC      NAME: Warburg, Richard J.
CC      REGISTRATION NUMBER: 32,327
CC      REFERENCE/DOCKET NUMBER: 195/296
CC    TELECOMMUNICATION INFORMATION:
CC      TELEPHONE: 213-489-1600
CC      TELEFAX: 213-955-0440
CC      TELEX: 67-3510
CC  INFORMATION FOR SEQ ID NO: 9:
CC    SEQUENCE CHARACTERISTICS:
CC      LENGTH: 375 amino acids
CC      TYPE: amino acid
CC      TOPOLOGY: linear
CC    MOLECULE TYPE: protein
SQ  SEQUENCE  375 AA; 43065 MW; 753863 CN;

Query Match     5.9%;  Score 6;  DB 1; Length 375;
Best Local Similarity 100.0%;  Pred. No. 5.04e+01;
Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;
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Db 88 SVIENV 93
    ||||||
Qy 38 SVIENV 43

RESULT 70
ID US-07-803-622E-7   STANDARD;   PRT;   375 AA.
XX
AC xxxxxx
XX
DT
XX
DE Sequence 7, Application US/07803622E
CC
CC Sequence 7, Application US/07803622E
CC Patent No. 5525497
CC GENERAL INFORMATION:
CC APPLICANT: Keller, Walter
CC APPLICANT: Lingner, Joachim
CC APPLICANT: Martin, Georges
CC APPLICANT: Wahle, Elmar
CC TITLE OF INVENTION: RECOMBINANT POLY(A) POLYMERASE
CC NUMBER OF SEQUENCES: 9
CC CORRESPONDENCE ADDRESS:
CC ADDRESSEE: Lyon & Lyon
CC STREET: 611 West Sixth Street
CC CITY: Los Angeles
CC STATE: CA
CC COUNTRY: USA
CC ZIP: 90017
CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: Floppy disk
CC COMPUTER: IBM PC compatible
CC OPERATING SYSTEM: PC-DOS/MS-DOS
CC SOFTWARE: PatentIn Release #1.0, Version #1.25
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/07/803,622E
CC FILING DATE: 27-NOV-1991
CC CLASSIFICATION: 435
CC ATTORNEY/AGENT INFORMATION:
CC NAME: Warburg, Richard J.
CC REGISTRATION NUMBER: 32,327
CC REFERENCE/DOCKET NUMBER: 195/296
CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: 213-489-1600
CC TELEFAX: 213-955-0440
CC TELEX: 67-3510
CC INFORMATION FOR SEQ ID NO: 7:
CC SEQUENCE CHARACTERISTICS:
CC LENGTH: 375 amino acids
CC TYPE: amino acid
CC TOPOLOGY: linear
CC MOLECULE TYPE: protein
SQ SEQUENCE 375 AA; 43065 MW; 753863 CN;

Query Match 5.9%; Score 6; DB 1; Length 375;
Best Local Similarity 100.0%; Pred. No. 5.04e+01;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 88 SVIENV 93
    ||||||
Qy 38 SVIENV 43

RESULT 71
ID US-08-666-367B-7   STANDARD;   PRT;   404 AA.
XX
AC xxxxxx
XX
DT
XX
DE Sequence 7, Application US/08666367B
XX
CC Sequence 7, Application US/08666367B
CC Patent No. 5854042
CC GENERAL INFORMATION:
CC APPLICANT: Shuichi TSUJI et al.
CC TITLE OF INVENTION: NOVEL SUGAR-CHAIN SYNTHETASE AND PROCESS FOR
CC TITLE OF INVENTION: PRODUCING THE SAME
CC NUMBER OF SEQUENCES: 8
CC CORRESPONDENCE ADDRESS:
CC ADDRESSEE: Wenderoth, Lind & Ponack
CC STREET: 805 Fifteenth Street, N.W., #700
CC CITY: Washington
CC STATE: D.C.
CC COUNTRY: U.S.A.
CC ZIP: 20005
CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: Diskette, 3.5 inch, 1.44 mb
CC COMPUTER: IBM Compatible
CC OPERATING SYSTEM: MS-DOS
CC SOFTWARE: Wordperfect 5.1
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/08/666,367B
CC FILING DATE: August 19, 1996
CC CLASSIFICATION: 435
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER:
CC FILING DATE:
CC ATTORNEY/AGENT INFORMATION:
CC NAME: Warren M. Cheek, Jr.
CC REGISTRATION NUMBER: 33,367
CC REFERENCE/DOCKET NUMBER:
CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: 202-371-8850
CC TELEFAX:
CC TELEX:
CC INFORMATION FOR SEQ ID NO: 7:
CC SEQUENCE CHARACTERISTICS:
CC LENGTH: 404 amino acids
CC TYPE: amino acid
CC STRANDEDNESS: single
CC TOPOLOGY: linear
CC ORIGINAL SOURCE:
CC ORGANISM: G. gallus (chicken)
SQ SEQUENCE 404 AA; 45826 MW; 844143 CN;

Query Match 5.9%; Score 6; DB 2; Length 404;
Best Local Similarity 100.0%; Pred. No. 5.04e+01;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 272 SAIQGS 277
    ||||||
Qy 11 SAIQGS 16

RESULT 72
ID US-08-682-193A-2   STANDARD;   PRT;   434 AA.
XX
AC xxxxxx
XX
DT
XX
DE Sequence 2, Application US/08682193A
XX
CC Sequence 2, Application US/08682193A
CC Patent No. 5776740
CC GENERAL INFORMATION:
CC APPLICANT: HATAKEYAMA, Kazuhisa
CC APPLICANT: GOTO, Makoto
CC APPLICANT: TERASAWA, Masato
CC APPLICANT: YUKAWA, Hideaki
CC TITLE OF INVENTION: PROCESS FOR THE PREPARATION OF
CC TITLE OF INVENTION: L-TRYPTOPHANE
CC NUMBER OF SEQUENCES: 2

CC   CORRESPONDENCE ADDRESS:
CC   ADDRESSEE: DIKE, BRONSTEIN, ROBERTS & CUSHMAN, LLP
CC   STREET: 130 WATER STREET
CC   CITY: BOSTON
CC   STATE: MA
CC   COUNTRY: USA
CC   ZIP: 02019
CC   COMPUTER READABLE FORM:
CC   MEDIUM TYPE: Diskette
CC   COMPUTER: IBM Compatible
CC   OPERATING SYSTEM: DOS
CC   SOFTWARE: FastSEQ Version 1.5
CC   CURRENT APPLICATION DATA:
CC   APPLICATION NUMBER: US/08/682,193A
CC   FILING DATE: 17-JUL-1996
CC   CLASSIFICATION: 435
CC   PRIOR APPLICATION DATA:
CC   APPLICATION NUMBER: 7-181730
CC   FILING DATE: 18-JUL-1995
CC   ATTORNEY/AGENT INFORMATION:
CC   NAME: DAVID, RESNICK S
CC   REGISTRATION NUMBER: 34,235
CC   REFERENCE/DOCKET NUMBER: 46643
CC   TELECOMMUNICATION INFORMATION:
CC   TELEPHONE: 617-523-3400
CC   TELEFAX: 617-523-6440
CC   TELEX: 200291 STRE
CC   INFORMATION FOR SEQ ID NO: 2:
CC   SEQUENCE CHARACTERISTICS:
CC   LENGTH: 434 amino acids
CC   TYPE: amino acid
CC   STRANDEDNESS: single
CC   TOPOLOGY: linear
CC   MOLECULE TYPE: protein
CC   HYPOTHETICAL: NO
CC   ANTI-SENSE: NO
CC   FRAGMENT TYPE: internal
CC   ORIGINAL SOURCE:
SQ   SEQUENCE 434 AA; 46567 MW; 905162 CN;

Query Match   5.9%; Score 6; DB 1; Length 434;
Best Local Similarity 100.0%; Pred. No. 5.04e+01;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db   54 QGSVLT 59
        ||||||
Qy   14 QGSVLT 19

RESULT 73
ID   US-08-962-203-2   STANDARD;   PRT;   480 AA.
XX
AC   xxxxxx
XX
DT
XX
DE   Sequence 2, Application US/08962203
XX
CC   Sequence 2, Application US/08962203
CC   Patent No. 5976840
CC   GENERAL INFORMATION:
CC   APPLICANT: Jaworski, Deborah
CC   APPLICANT: Lawlor, Elizabeth
CC   APPLICANT: Wang, Min
CC   TITLE OF INVENTION: NOVEL STREPTOCOCCAL ERS
CC   NUMBER OF SEQUENCES: 2
CC   CORRESPONDENCE ADDRESS:
CC   ADDRESSEE: SmithKline Beecham Corporation
CC   STREET: 709 Swedeland Road
CC   CITY: King of Prussia
CC   STATE: PA
CC   COUNTRY: USA
CC   ZIP: 19406-0039

CC   COMPUTER READABLE FORM:
CC   MEDIUM TYPE: Diskette
CC   COMPUTER: IBM Compatible
CC   OPERATING SYSTEM: DOS
CC   SOFTWARE: FastSEQ for Windows Version 2.0
CC   CURRENT APPLICATION DATA:
CC   APPLICATION NUMBER: US/08/962,203
CC   FILING DATE: 31-OCT-1997
CC   CLASSIFICATION: 536
CC   PRIOR APPLICATION DATA:
CC   APPLICATION NUMBER: 08/844,153
CC   FILING DATE: 18-APR-1997
CC   APPLICATION NUMBER: 9607992.6
CC   FILING DATE: 18-APR-1996
CC   ATTORNEY/AGENT INFORMATION:
CC   NAME: Gimmi, Edward R
CC   REGISTRATION NUMBER: 38,891
CC   REFERENCE/DOCKET NUMBER: P31459-1
CC   TELECOMMUNICATION INFORMATION:
CC   TELEPHONE: 610-270-4478
CC   TELEFAX: 610-270-5090
CC   TELEX:
CC   INFORMATION FOR SEQ ID NO: 2:
CC   SEQUENCE CHARACTERISTICS:
CC   LENGTH: 480 amino acids
CC   TYPE: amino acid
CC   STRANDEDNESS: single
CC   TOPOLOGY: linear
CC   MOLECULE TYPE: protein
SQ   SEQUENCE 480 AA; 55184 MW; 1158453 CN;

Query Match   5.9%; Score 6; DB 2; Length 480;
Best Local Similarity 100.0%; Pred. No. 5.04e+01;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db   212 DDHIAN 217
         ||||||
Qy   88 DDHIAN 93

RESULT 74
ID   US-08-500-635A-12   STANDARD;   PRT;   549 AA.
XX
AC   xxxxxx
XX
DT
XX
DE   Sequence 12, Application US/08500635A
XX
CC   Sequence 12, Application US/08500635A
CC   Patent No. 5955072
CC   GENERAL INFORMATION:
CC   APPLICANT: TAKAHASHI, Tohru
CC   APPLICANT: SERIZAWA, No. 5955072ufusa
CC   APPLICANT: KOISHI, Ryuta
CC   APPLICANT: KAWASHIMA, Ichiro
CC   TITLE OF INVENTION: EXPRESSION SYSTEMS UTILIZING
CC   TITLE OF INVENTION: AUTOLYZING FUSION PROTEINS
CC   TITLE OF INVENTION: AND A NOVEL REDUCING POLYPEPTIDE
CC   NUMBER OF SEQUENCES: 19
CC   CORRESPONDENCE ADDRESS:
CC   ADDRESSEE: Frishhauf, Holtz, Goodman, Langer & Chick, P.C.
CC   STREET: 767 Third Avenue-25th Floor
CC   CITY: New York
CC   STATE: New York
CC   COUNTRY: United States
CC   ZIP: 10017-2023
CC   COMPUTER READABLE FORM:
CC   MEDIUM TYPE: Floppy disk
CC   COMPUTER: IBM PC compatible
CC   OPERATING SYSTEM: PC-DOS/MS-DOS
CC   SOFTWARE: PatentIn Release #1.24
CC   CURRENT APPLICATION DATA:

CC   APPLICATION NUMBER: US/08/500,635A
CC   FILING DATE: 11-JUL-1995
CC   CLASSIFICATION: 514
CC   PRIOR APPLICATION DATA:
CC   APPLICATION NUMBER: JP 6-161053
CC   FILING DATE: 13-JUL-1994
CC   PRIOR APPLICATION DATA:
CC   APPLICATION NUMBER: JP 6-218392
CC   FILING DATE: 13-SEP-1994
CC   PRIOR APPLICATION DATA:
CC   APPLICATION NUMBER: JP 6-303809
CC   FILING DATE: 07-DEC-1994
CC   ATTORNEY/AGENT INFORMATION:
CC   NAME: Goodman, Herbert
CC   REGISTRATION NUMBER: 17081
CC   REFERENCE/DOCKET NUMBER: 950376/HG
CC   TELECOMMUNICATION INFORMATION:
CC   TELEPHONE: (212) 319-4900
CC   TELEFAX: (212) 319-5101
CC   TELEX: 236268
CC   INFORMATION FOR SEQ ID NO: 12:
CC   SEQUENCE CHARACTERISTICS:
CC   LENGTH: 549 amino acids
CC   TYPE: amino acid
CC   TOPOLOGY: linear
CC   MOLECULE TYPE: protein
SQ   SEQUENCE 549 AA; 60212 MW; 1556560 CN;

Query Match   5.9%; Score 6; DB 2; Length 549;
Best Local Similarity 100.0%; Pred. No. 5.04e+01;
Matches   6; Conservative   0; Mismatches   0; Indels   0; Gaps   0;

Db 14 SELAAE 19
        ||||||
Qy 67 SELAAE 72

RESULT 75
ID   PCT-US93-03027-3   STANDARD;   PRT;   678 AA.
XX
AC   xxxxxx
XX
DT
XX
DE   Sequence 3, Application PC/TUS9303027
XX
CC   Sequence 3, Application PC/TUS9303027
CC   GENERAL INFORMATION:
CC   APPLICANT: LEONARD, WARREN; TOLEDANO,
CC   APPLICANT: MICHEL
CC   xxxxxx
CC   TITLE OF INVENTION: CONTROL AND/OR
CC   TITLE OF INVENTION: PREVENTION OF BINDING OF NF- B/REL/DORSAL
CC   TITLE OF INVENTION:
CC   NUMBER OF SEQUENCES: 9
CC   CORRESPONDENCE ADDRESS:
CC   ADDRESSEE: MORGAN & FINNEGAN
CC   STREET: 345 PARK AVENUE
CC   CITY: NEW YORK
CC   STATE: NEW YORK
CC   COUNTRY: USA
CC   ZIP: 10154
CC   COMPUTER READABLE FORM:
CC   MEDIUM TYPE: FLOPPY DISK
CC   COMPUTER: IBM PC COMPATIBLE
CC   OPERATING SYSTEM: PC-DOS/MS-DOS
CC   SOFTWARE: WORDPERFECT 5.1
CC   CURRENT APPLICATION DATA:
CC   APPLICATION NUMBER: PCT/US93/03027
CC   FILING DATE: 19930401
CC   PRIOR APPLICATION DATA:
CC   APPLICATION NUMBER: US/07/862,987
CC   FILING DATE: 06-APR-1992
CC   ATTORNEY/AGENT INFORMATION:

CC   NAME: DOROTHY R. AUTH
CC   REGISTRATION NUMBER: P-36,434
CC   REFERENCE/DOCKET NUMBER: 2026-4010 PCT
CC   TELECOMMUNICATION INFORMATION:
CC   TELEPHONE: 212-758-4800
CC   TELEFAX: 212-751-6849
CC   INFORMATION FOR SEQ ID NO: 3:
CC   SEQUENCE CHARACTERISTICS:
CC   LENGTH: 678
CC   TYPE: AMINO ACID
CC   STRANDEDNESS: single
CC   TOPOLOGY: linear
CC   MOLECULE TYPE: protein
CC   HYPOTHETICAL: NO
CC   ORIGINAL SOURCE:
CC   ORGANISM: Drosophila melanogaster
CC   STRAIN: Oregon R
CC   INDIVIDUAL ISOLATE:
CC   DEVELOPMENTAL STAGE: embryo
CC   HAPLOTYPE:
CC   TISSUE TYPE:
CC   CELL TYPE:
CC   CELL LINE:
CC   ORGANELLE:
CC   FEATURE:
CC   NAME/KEY: Dorsal protein
CC   LOCATION:
CC   IDENTIFICATION METHOD:
CC   OTHER INFORMATION: D.melanogaster
CC   OTHER INFORMATION: embryonic polarity (dorsal) protein
CC   OTHER INFORMATION: containing region of high similarity
CC   OTHER INFORMATION: with proteins of Rel family.
CC   PUBLICATION INFORMATION:
CC   AUTHORS: Steward, R.
CC   TITLE: Dorsal, an embryonic polarity
CC   TITLE: gene in Drosophila, is homologous to
CC   TITLE: the vertebrate proto-oncogene, c-rel.
CC   JOURNAL: Science
CC   VOLUME: 238
CC   ISSUE:
CC   PAGES: 692-694
CC   DATE: 1987
CC   DOCUMENT NUMBER:
CC   FILING DATE:
CC   PUBLICATION DATE:
CC   RELEVANT RESIDUES IN SEQ ID NO:
SQ   SEQUENCE 678 AA; 75502 MW; 2127035 CN;

Query Match   5.9%; Score 6; DB 4; Length 678;
Best Local Similarity 100.0%; Pred. No. 5.04e+01;
Matches   6; Conservative   0; Mismatches   0; Indels   0; Gaps   0;

Db 183 IDLNSV 188
        ||||||
Qy 34 IDLNSV 39

Search completed: Wed Aug 16 10:00:08 2000
Job time : 43 secs.